

Pioneer

Service Manual



KRP-M01

ORDER NO.
ARP3509

MEDIA RECEIVER

KRP-M01

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
KRP-M01	WYSIXK5	AC 220 V to 240 V	
KRP-M01	WYSXJ5	AC 220 V to 240 V	



For details, refer to "Important Check Points for good servicing".

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936
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[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol.
Please be sure to confirm and follow these procedures.

1. Product safety



Please conform to product regulations (such as safety and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this manual.

- ① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

- ② Do not perform modifications without proper instructions.

Please follow the specified safety methods when modification (addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

- ③ Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris.
Soldering should be finished with the proper quantity. (Refer to the example)

- ④ Make sure the screws are tightly fastened.

Please be sure that all screws are fastened, and that there are no loose screws.

- ⑤ Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

- ⑥ Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs.
In addition, be sure that there are no pinched wires, etc.

- ⑦ Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

- ⑧ There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so please be sure that there are no damages.
If you find a damaged power cord, please exchange it with a suitable one.

- ⑨ There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

- ⑩ Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries.
Please pay attention to your surroundings and repair safely.

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2. Adjustments



To keep the original performance of the products, optimum adjustments and confirmation of characteristics within specification.
Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts



Use grease and adhesives that are equal to the specified substance.
Make sure the proper amount is applied.

4. Cleaning



For parts that require cleaning, such as optical pickups, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws



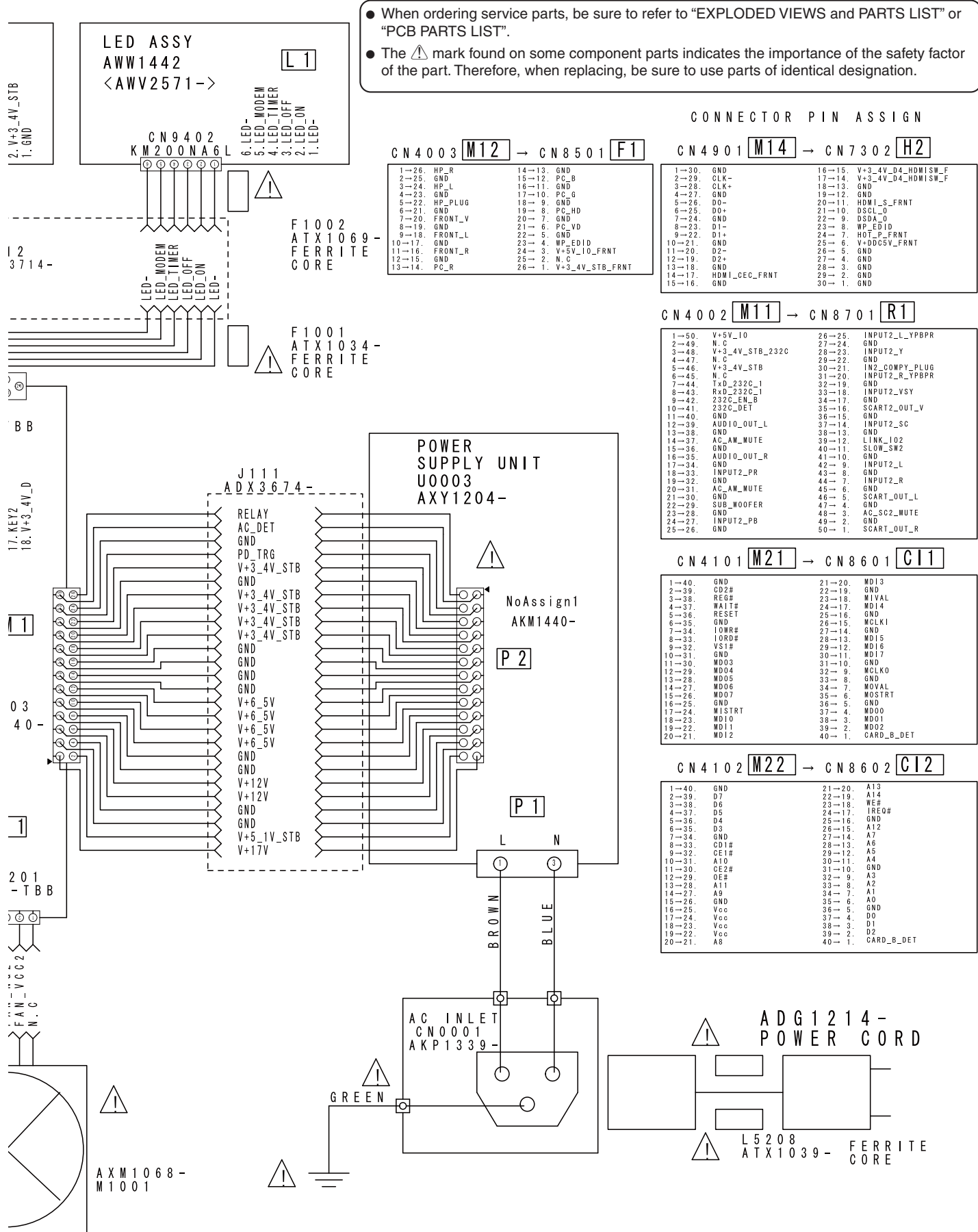
To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

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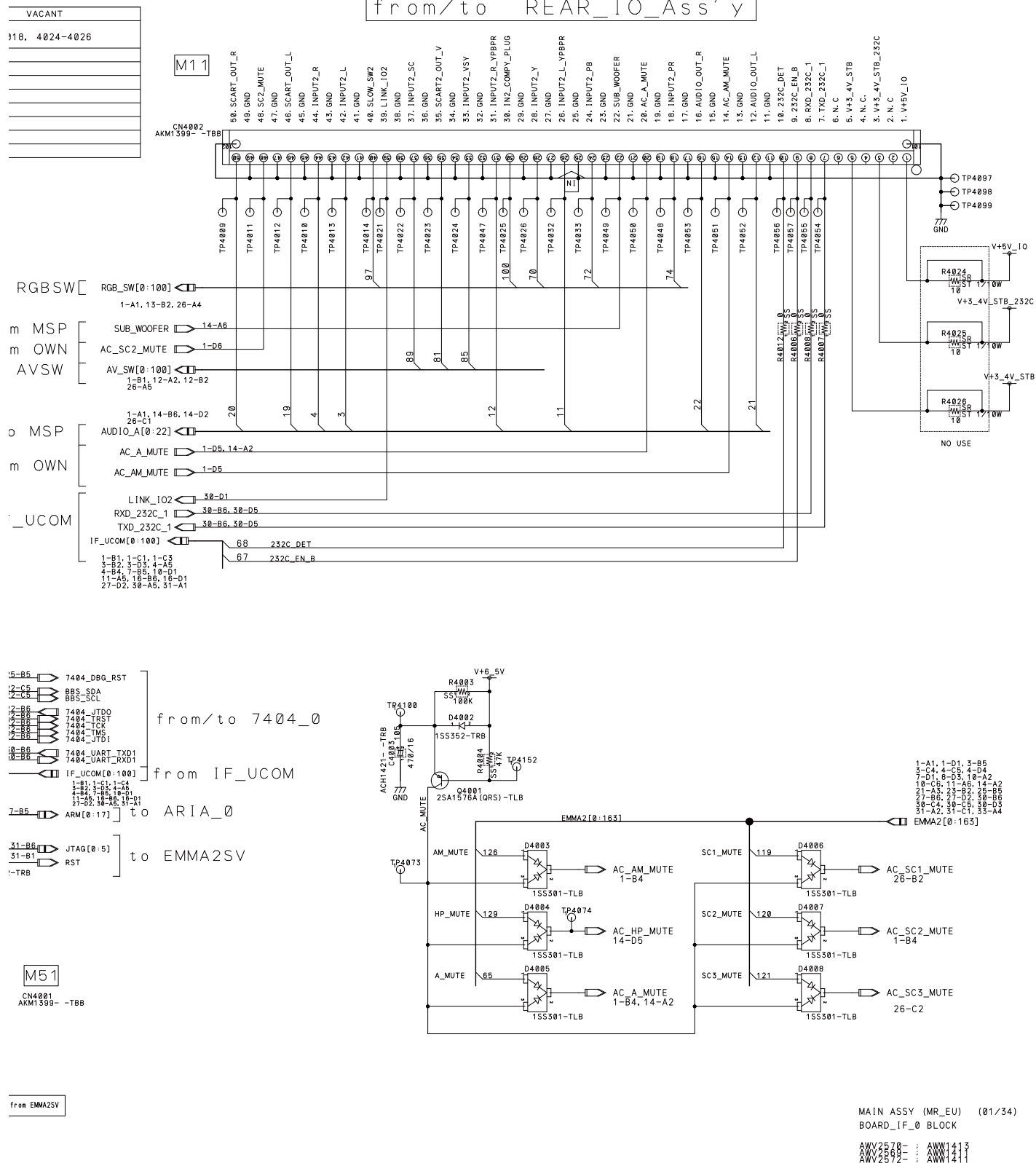
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1 Tuner Mounted in MPT
2 Tuner Less Ass'y
3 Tuner Mounted in PTK

from/to REAR_IO_Ass'y



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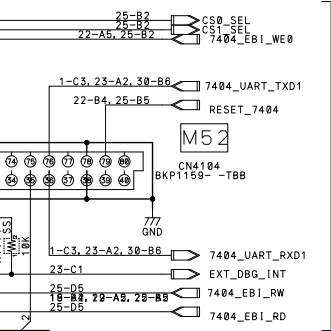
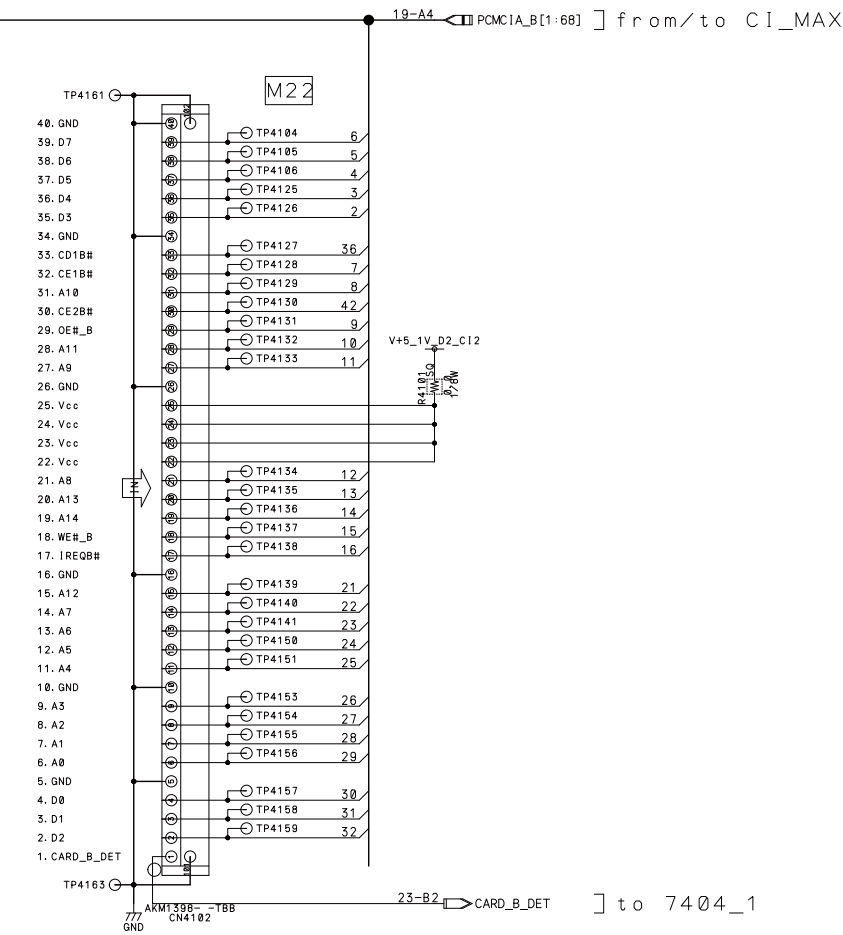
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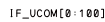
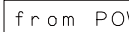
from 7404_0

MODEL		
ITEM	USED	VACANT
R	4101, 4114	
C		
Q		
IC		
F		
X		
L		
D		
CN	4101-4102, 4104	

MAIN ASSY (MR_EU) (02/34)
BOARD_IF_1 BLOCK
AWV2570 : AWW1413
AWV2569 : AWW1413
AWV2572 : AWW1411

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IDEL	USED		VACANT	
TEM				
R	4301-4317, 4319-4304	4302, 4303, 4306, 4311, 4314, 4315, 4316, 4317, 4318, 4319, 4320, 4321, 4322, 4323, 4324, 4325, 4326, 4327, 4328, 4329, 4330, 4331, 4332, 4333, 4334, 4335, 4336, 4337, 4338, 4339, 4340, 4341, 4342, 4343, 4344, 4345, 4346, 4347, 4348, 4349, 4350, 4351, 4352, 4353, 4354, 4355, 4356, 4357, 4358, 4359, 4360, 4361, 4362, 4363, 4364, 4365, 4366, 4367, 4368, 4369, 4370, 4371, 4372, 4373, 4374, 4375, 4376, 4377, 4378, 4379, 4380, 4381, 4382, 4383, 4384, 4385, 4386, 4387, 4388, 4389, 4390, 4391, 4392, 4393, 4394, 4395, 4396, 4397, 4398, 4399, 4400, 4401, 4402, 4403, 4404, 4405, 4406, 4407, 4408, 4409, 4410, 4411, 4412, 4413, 4414, 4415, 4416, 4417, 4418, 4419, 4420, 4421, 4422, 4423, 4424, 4425, 4426, 4427, 4428, 4429, 4430, 4431, 4432, 4433, 4434, 4435, 4436, 4437, 4438, 4439, 4440, 4441, 4442, 4443, 4444, 4445, 4446, 4447, 4448, 4449, 4450, 4451, 4452, 4453, 4454, 4455, 4456, 4457, 4458, 4459, 4460, 4461, 4462, 4463, 4464, 4465, 4466, 4467, 4468, 4469, 4470, 4471, 4472, 4473, 4474, 4475, 4476, 4477, 4478, 4479, 4480, 4481, 4482, 4483, 4484, 4485, 4486, 4487, 4488, 4489, 4490, 4491, 4492, 4493, 4494, 4495, 4496, 4497, 4498, 4499, 4500, 4501, 4502, 4503, 4504, 4505, 4506, 4507, 4508, 4509, 4510, 4511, 4512, 4513, 4514, 4515, 4516, 4517, 4518, 4519, 4520, 4521, 4522, 4523, 4524, 4525, 4526, 4527, 4528, 4529, 4530, 4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4547, 4548, 4549, 4550, 4551, 4552, 4553, 4554, 4555, 4556, 4557, 4558, 4559, 4560, 4561, 4562, 4563, 4564, 4565, 4566, 4567, 4568, 4569, 4570, 4571, 4572, 4573, 4574, 4575, 4576, 4577, 4578, 4579, 4580, 4581, 4582, 4583, 4584, 4585, 4586, 4587, 4588, 4589, 4590, 4591, 4592, 4593, 4594, 4595, 4596, 4597, 4598, 4599, 4600, 4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619, 4620, 4621, 4622, 4623, 4624, 4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669, 4670, 4671, 4672, 4673, 4674, 4675, 4676, 4677, 4678, 4679, 4680, 4681, 4682, 4683, 4684, 4685, 4686, 4687, 4688, 4689, 4690, 4691, 4692, 4693, 4694, 4695, 4696, 4697, 4698, 4699, 4700, 4701, 4702, 4703, 4704, 4705, 4706, 4707, 4708, 4709, 4710, 4711, 4712, 4713, 4714, 4715, 4716, 4717, 4718, 4719, 4720, 4721, 4722, 4723, 4724, 4725, 4726, 4727, 4728, 4729, 4730, 4731, 4732, 4733, 4734, 4735, 4736, 4737, 4738, 4739, 4740, 4741, 4742, 4743, 4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4756, 4757, 4758, 4759, 4760, 4761, 4762, 4763, 4764, 4765, 4766, 4767, 4768, 4769, 4770, 4771, 4772, 4773, 4774, 4775, 4776, 4777, 4778, 4779, 4780, 4781, 4782, 4783, 4784, 4785, 4786, 4787, 4788, 4789, 4790, 4791, 4792, 4793, 4794, 4795, 4796, 4797, 4798, 4799, 4800, 4801, 4802, 4803, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4814, 4815, 4816, 4817, 4818, 4819, 4820, 4821, 4822, 4823, 4824, 4825, 4826, 4827, 4828, 4829, 4830, 4831, 4832, 4833, 4834, 4835, 4836, 4837, 4838, 4839, 4840, 4841, 4842, 4843, 4844, 4845, 4846, 4847, 4848, 4849, 4850, 4851, 4852, 4853, 4854, 4855, 4856, 4857, 4858, 4859, 4860, 4861, 4862, 4863, 4864, 4865, 4866, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4877, 4878, 4879, 4880, 4881, 4882, 4883, 4884, 4885, 4886, 4887, 4888, 4889, 4890, 4891, 4892, 4893, 4894, 4895, 4896, 4897, 4898, 4899, 4900, 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910, 4911, 4912, 4913, 4914, 4915, 4916, 4917, 4918, 4919, 4920, 4921, 4922, 4923, 4924, 4925, 4926, 4927, 4928, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4938, 4939, 4940, 4941, 4942, 4943, 4944, 4945, 4946, 4947, 4948, 4949, 4950, 4951, 4952, 4953, 4954, 4955, 4956, 4957, 4958, 4959, 4960, 4961, 4962, 4963, 4964, 4965, 4966, 4967, 4968, 4969, 4970, 4971, 4972, 4973, 4974, 4975, 4976, 4977, 4978, 4979, 4980, 4981, 4982, 4983, 4984, 4985, 4986, 4987, 4988, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000		
C	4301-4327, 4331, 4332, 4334, 4335, 4337, 4338, 4339, 4341-4348, 4350-4352	4302, 4303, 4306, 4311, 4314, 4315, 4316, 4317, 4318, 4319, 4320, 4321, 4322, 4323, 4324, 4325, 4326, 4327, 4328, 4329, 4330, 4331, 4332, 4333, 4334, 4335, 4336, 4337, 4338, 4339, 4340, 4341, 4342, 4343, 4344, 4345, 4346, 4347, 4348, 4349, 4350, 4351, 4352, 4353, 4354, 4355, 4356, 4357, 4358, 4359, 4360, 4361, 4362, 4363, 4364, 4365, 4366, 4367, 4368, 4369, 4370, 4371, 4372, 4373, 4374, 4375, 4376, 4377, 4378, 4379, 4380, 4381, 4382, 4383, 4384, 4385, 4386, 4387, 4388, 4389, 4390, 4391, 4392, 4393, 4394, 4395, 4396, 4397, 4398, 4399, 4400, 4401, 4402, 4403, 4404, 4405, 4406, 4407, 4408, 4409, 4410, 4411, 4412, 4413, 4414, 4415, 4416, 4417, 4418, 4419, 4420, 4421, 4422, 4423, 4424, 4425, 4426, 4427, 4428, 4429, 4430, 4431, 4432, 4433, 4434, 4435, 4436, 4437, 4438, 4439, 4440, 4441, 4442, 4443, 4444, 4445, 4446, 4447, 4448, 4449, 4450, 4451, 4452, 4453, 4454, 4455, 4456, 4457, 4458, 4459, 4460, 4461, 4462, 4463, 4464, 4465, 4466, 4467, 4468, 4469, 4470, 4471, 4472, 4473, 4474, 4475, 4476, 4477, 4478, 4479, 4480, 4481, 4482, 4483, 4484, 4485, 4486, 4487, 4488, 4489, 4490, 4491, 4492, 4493, 4494, 4495, 4496, 4497, 4498, 4499, 4500, 4501, 4502, 4503, 4504, 4505, 4506, 4507, 4508, 4509, 4510, 4511, 4512, 4513, 4514, 4515, 4516, 4517, 4518, 4519, 4520, 4521, 4522, 4523, 4524, 4525, 4526, 4527, 4528, 4529, 4530, 4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4547, 4548, 4549, 4550, 4551, 4552, 4553, 4554, 4555, 4556, 4557, 4558, 4559, 4560, 4561, 4562, 4563, 4564, 4565, 4566, 4567, 4568, 4569, 4570, 4571, 4572, 4573, 4574, 4575, 4576, 4577, 4578, 4579, 4580, 4581, 4582, 4583, 4584, 4585, 4586, 4587, 4588, 4589, 4590, 4591, 4592, 4593, 4594, 4595, 4596, 4597, 4598, 4599, 4600, 4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619, 4620, 4621, 4622, 4623, 4624, 4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669, 4670, 4671, 4672, 4673, 4674, 4675, 4676, 4677, 4678, 4679, 4680, 4681, 4682, 4683, 4684, 4685, 4686, 4687, 4688, 4689, 4690, 4691, 4692, 4693, 4694, 4695, 4696, 4697, 4698, 4699, 4700, 4701, 4702, 4703, 4704, 4705, 4706, 4707, 4708, 4709, 4710, 4711, 4712, 4713, 4714, 4715, 4716, 4717, 4718, 4719, 4720, 4721, 4722, 4723, 4724, 4725, 4726, 4727, 4728, 4729, 4730, 4731, 4732, 4733, 4734, 4735, 4736, 4737, 4738, 4739, 4740, 4741, 4742, 4743, 4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4756, 4757, 4758, 4759, 4760, 4761, 4762, 4763, 4764, 4765, 4766, 4767, 4768, 4769, 4770, 4771, 4772, 4773, 4774, 4775, 4776, 4777, 4778, 4779, 4780, 4781, 4782, 4783, 4784, 4785, 4786, 4787, 4788, 4789, 4790, 4791, 4792, 4793, 4794, 4795, 4796, 4797, 4798, 4799, 4800, 4801, 4802, 4803, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4814, 4815, 4816, 4817, 4818, 4819, 4820, 4821, 4822, 4823, 4824, 4825, 4826, 4827, 4828, 4829, 4830, 4831, 4832, 4833, 4834, 4835, 4836, 4837, 4838, 4839, 4840, 4841, 4842, 4843, 4844, 4845, 4846, 4847, 4848, 4849, 4850, 4851, 4852, 4853, 4854, 4855, 4856, 4857, 4858, 4859, 4860, 4861, 4862, 4863, 4864, 4865, 4866, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4877, 4878, 4879, 4880, 4881, 4882, 4883, 4884, 4885, 4886, 4887, 4888, 4889, 4890, 4891, 4892, 4893, 4894, 4895, 4896, 4897, 4898, 4899, 4900, 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910, 4911, 4912, 4913, 4914, 4915, 4916, 4917, 4918, 4919, 4920, 4921, 4922, 4923, 4924, 4925, 4926, 4927, 4928, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4938, 4939, 4940, 4941, 4942, 4943, 4944, 4945, 4946, 4947, 4948, 4949, 4950, 4951, 4952, 4953, 4954, 4955, 4956, 4957, 4958, 4959, 4960, 4961, 4962, 4963, 4964, 4965, 4966, 4967, 4968, 4969, 4970, 4971, 4972, 4973, 4974, 4975, 4976, 4977, 4978, 4979, 4980, 4981, 4982, 4983, 4984, 4985, 4986, 4987, 4988, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000		
D	4301-4313	4307, 4312, 4313		
C	4301-4313	4303, 4307, 4311		
F				
X				
L	4302, 4303, 4305, 4306	4303		
D	4301-4306, 4308, 4312, 4313, 4316	4302, 4303, 4305, 4315		
N				

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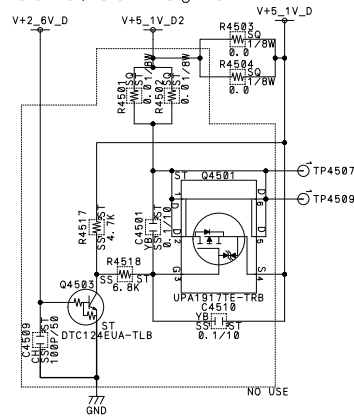


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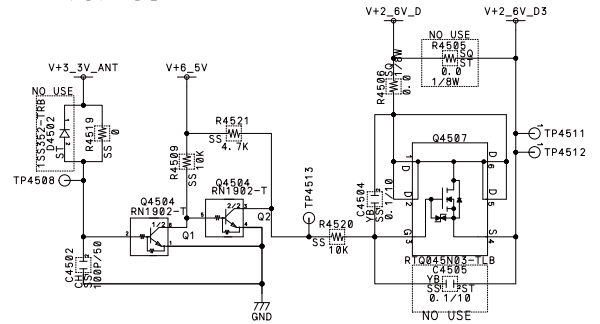
V+5_1V_D2 +1.7, -2.9% 850mAmax

for CS_FE, CSDEM,
CI_card, CI logic



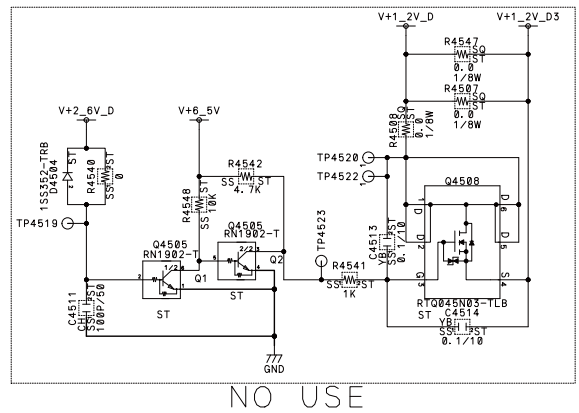
V+2_6V_D3 110mAmax

for CS



V+1_2V_D3 +1.7%-4.1% 840mAmax

for AAC



NO USE

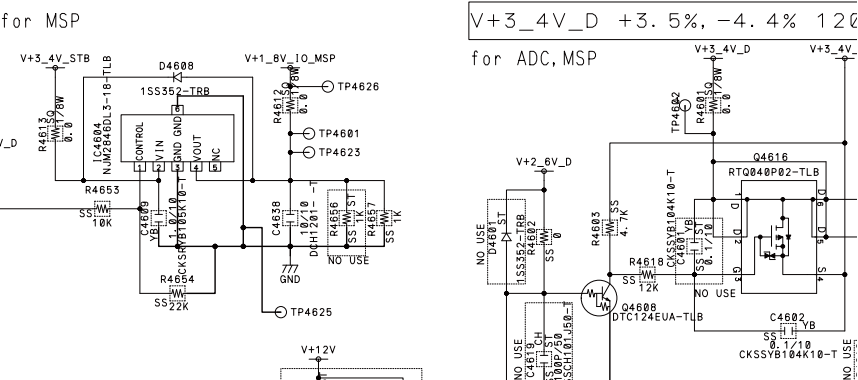
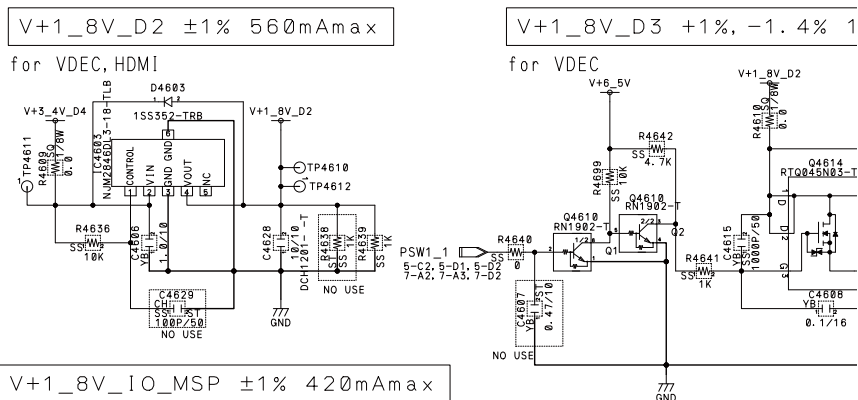
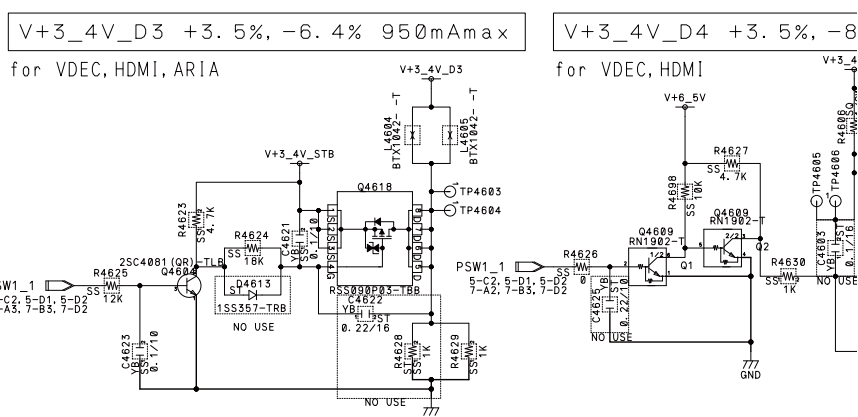
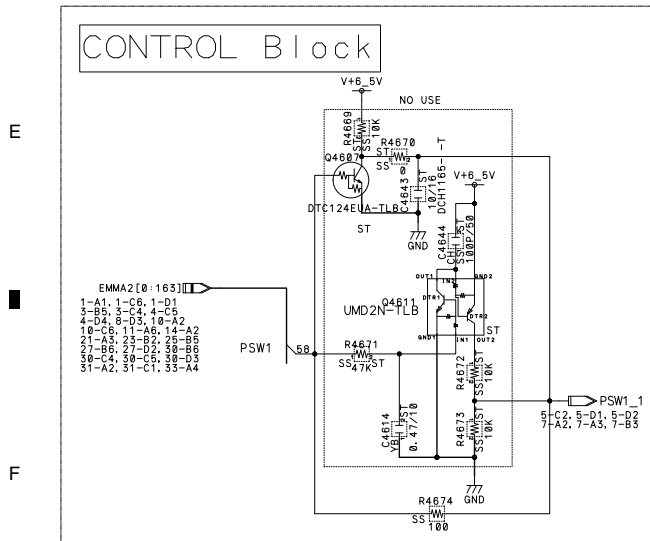
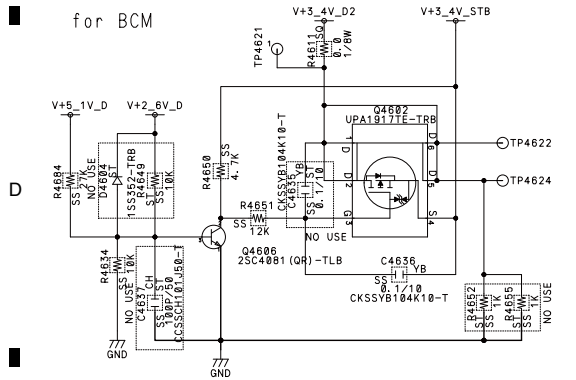
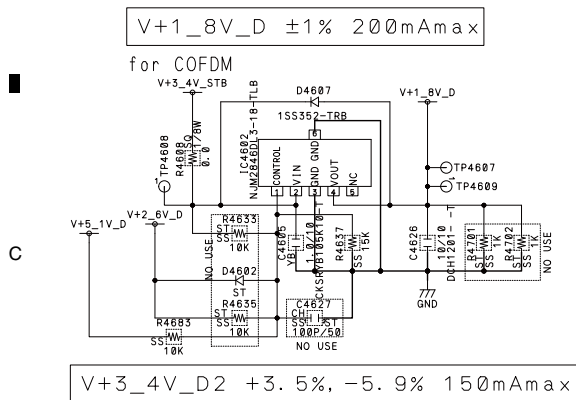
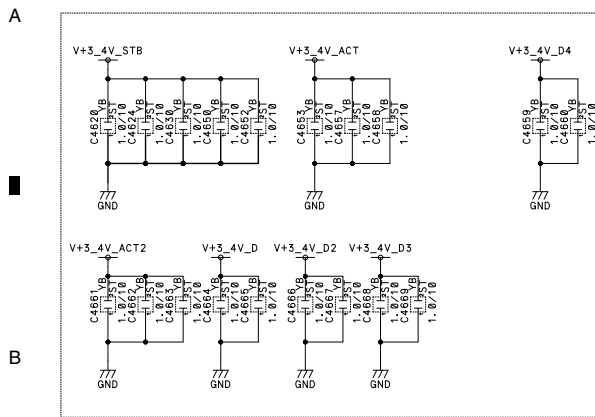
MODEL

ITEM	USED	VACANT
R	4501-4549	4501, 4502, 4503, 4504, 4505, 4506, 4507, 4508, 4509, 4510, 4511, 4512, 4513, 4514, 4515, 4516, 4517, 4518, 4519, 4520, 4521, 4522, 4523, 4524, 4525, 4526, 4527, 4528, 4529, 4530, 4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4547, 4548, 4549
C	4501-4510, 4527-4530, 4535-4555	4501, 4502, 4503, 4504, 4505, 4506, 4507, 4508, 4509, 4510, 4511, 4512, 4513, 4514, 4515, 4516, 4517, 4518, 4519, 4520, 4521, 4522, 4523, 4524, 4525, 4526, 4527, 4528, 4529, 4530, 4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4547, 4548, 4549
Q	4501-4505, 4507-4510	4501, 4503, 4505, 4508
IC	4501, 4503	
F		
X		
L	4501-4507	4504
D	4501-4505, 4508-4513	4502-4505, 4512
CN		

MAIN ASSY (MR_EU) (06/34)
POWER_2 BLOCK

AWV2570- : AWW1413
AWV2568- : AWW1411
AWV2572- : AWW1411

10.8 MAIN BLOCK ASSY (7/33) [POWER_3 BLOCK]



V+1_8V_ACT ±1.5%
for DP

MODEL	ITEM	USED	VACANT
R	4601-4604, 4606-4620, 4623-4700	4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619, 4620, 4621, 4622, 4623, 4624, 4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669, 4670, 4671, 4672, 4673, 4674, 4675, 4676, 4677, 4678, 4679, 4680, 4681, 4682, 4683, 4684, 4685, 4686, 4687, 4688, 4689, 4690, 4691, 4692, 4693, 4694, 4695, 4696, 4697, 4698, 4699, 4700	
C	4601-4669	4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619, 4620, 4621, 4622, 4623, 4624, 4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669	
Q	4601-4619	4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619	
IC	4601-4604, 4606	4601, 4602, 4603, 4604, 4606	
F			
X			
L	4601-4605	4601, 4602, 4603, 4604, 4605	
D	4601-4613	4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613	
CN			

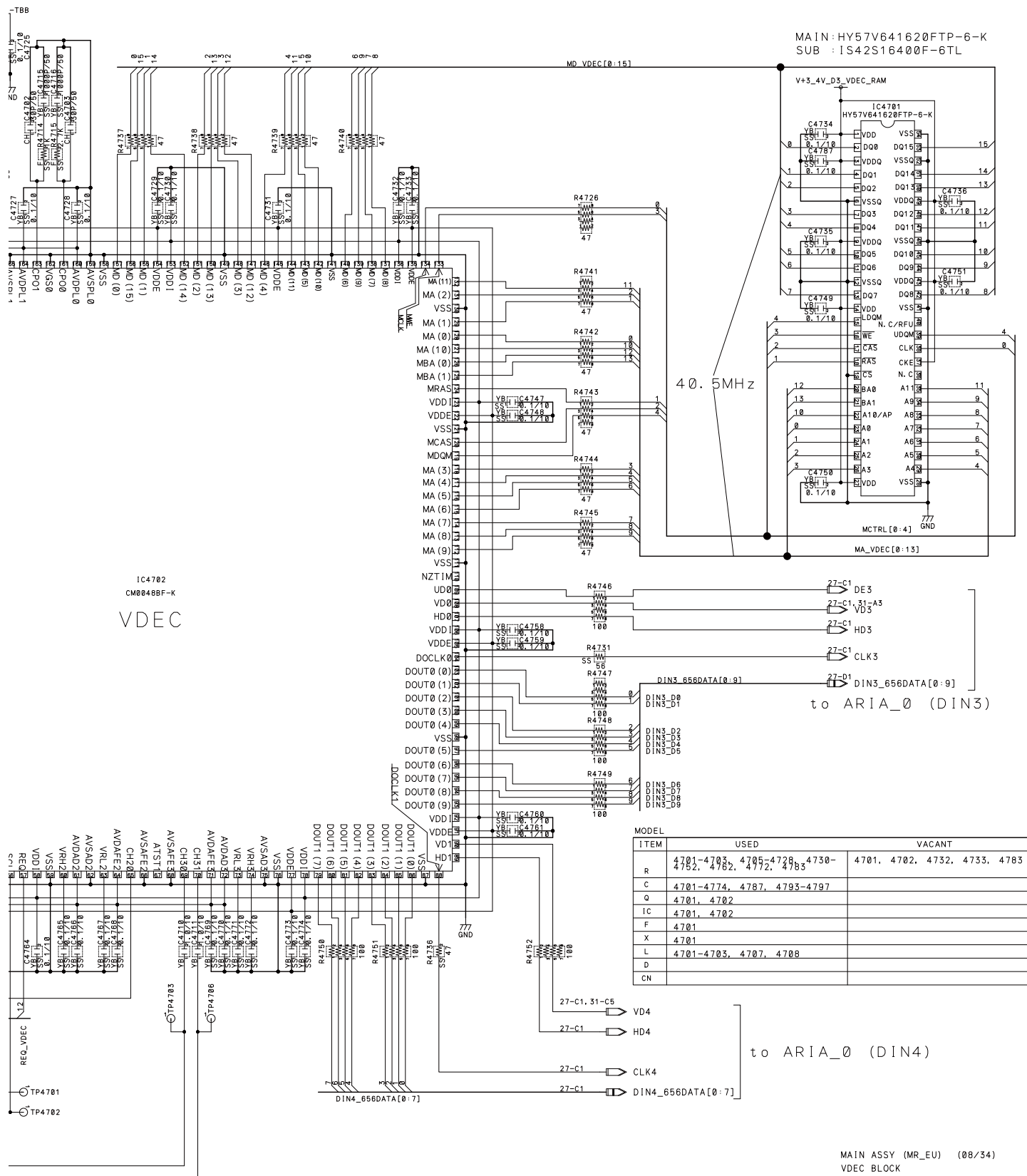
△



HIZ



The mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.



△



A

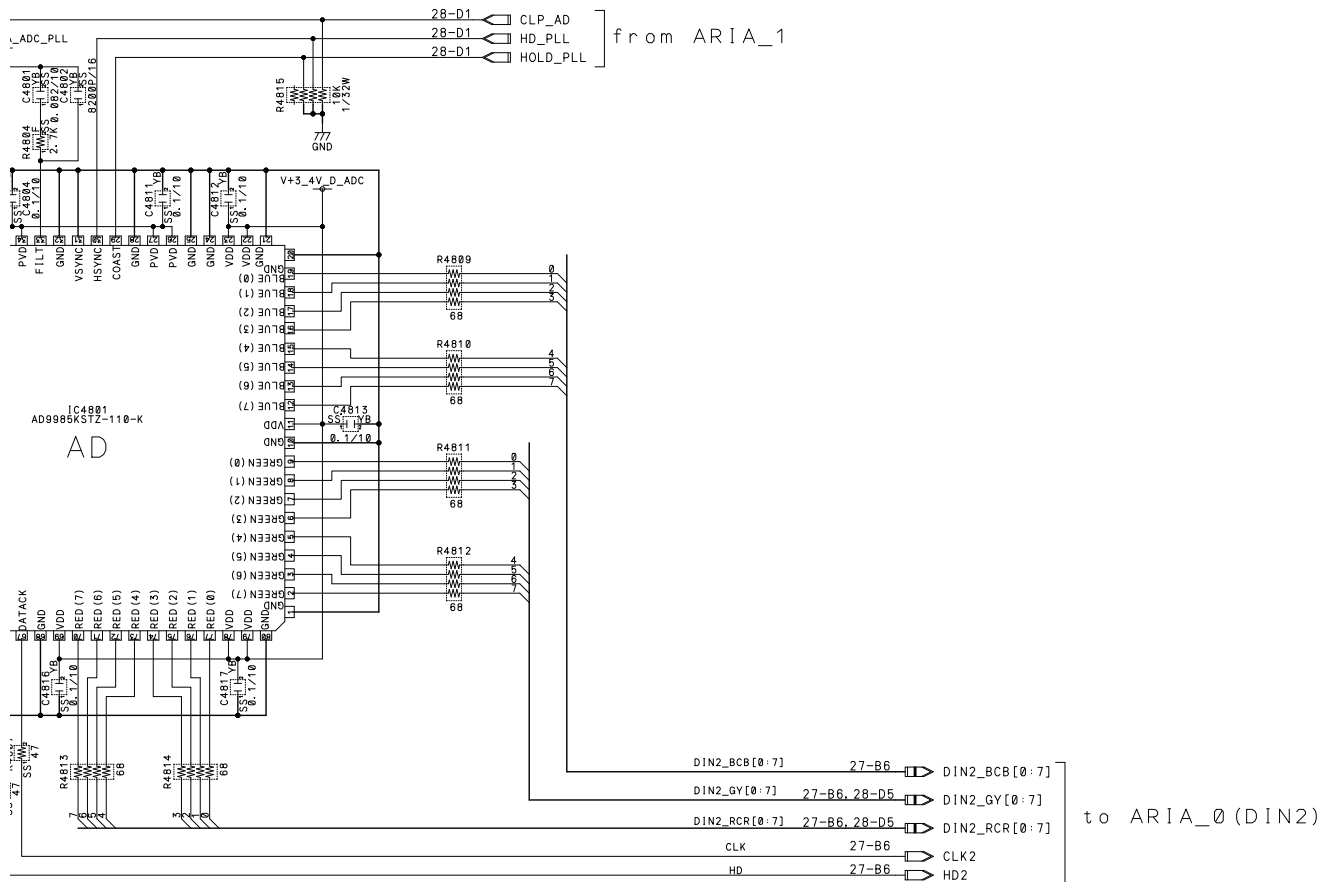
B

C

D

E

F



MODEL

ITEM	USED	VACANT
R	4803-4815	
C	4801-4820	
Q		
IC	4801	
F		
X		
L	4801, 4802	
D		
CN		

MAIN ASSY (MR_EU) (09/34)
ADC BLOCK

AWV2570- : AWW1413
AWV2569- : AWW1411
AWV2572- : AWW1411

4



A



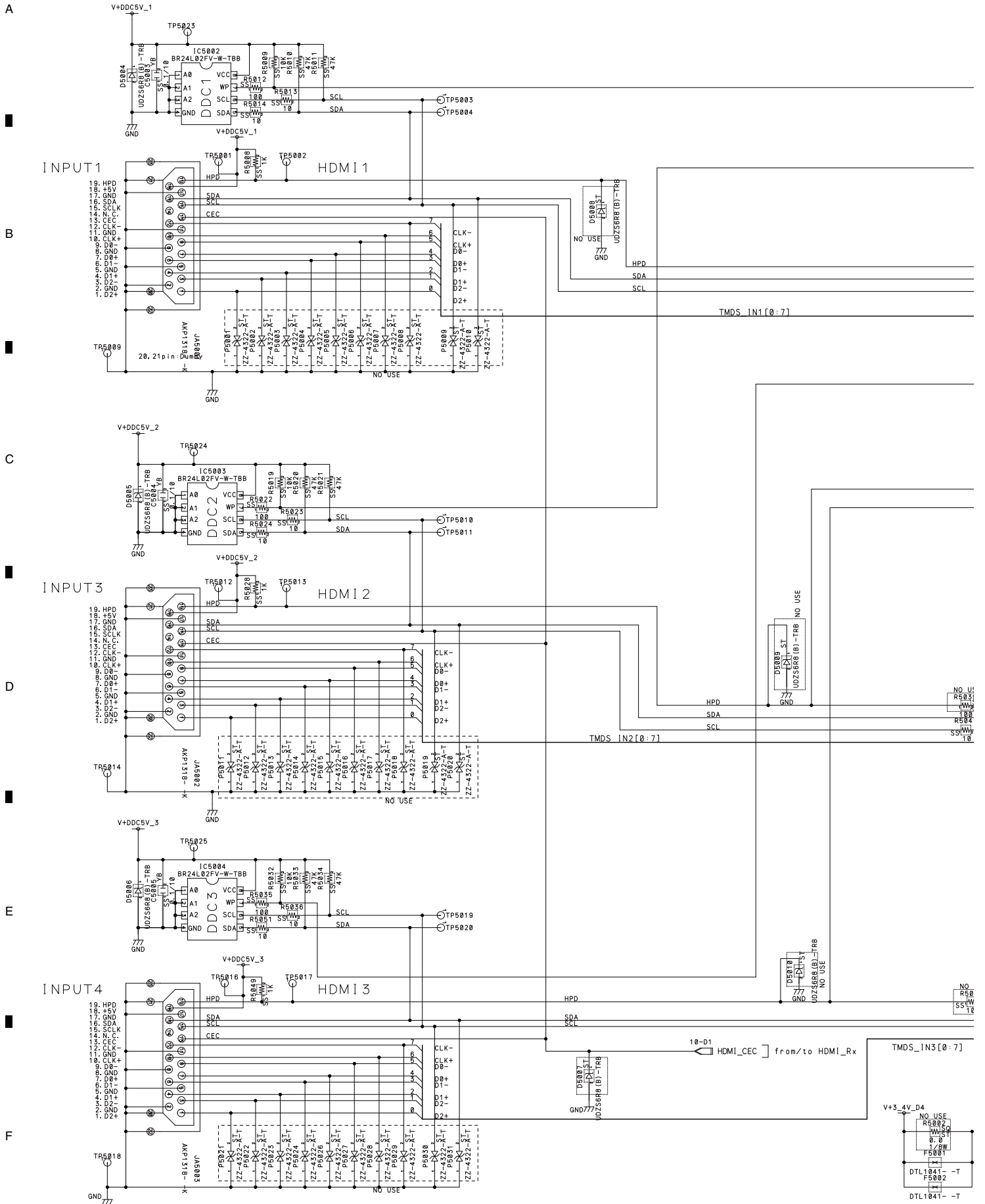
Q

□

E

F

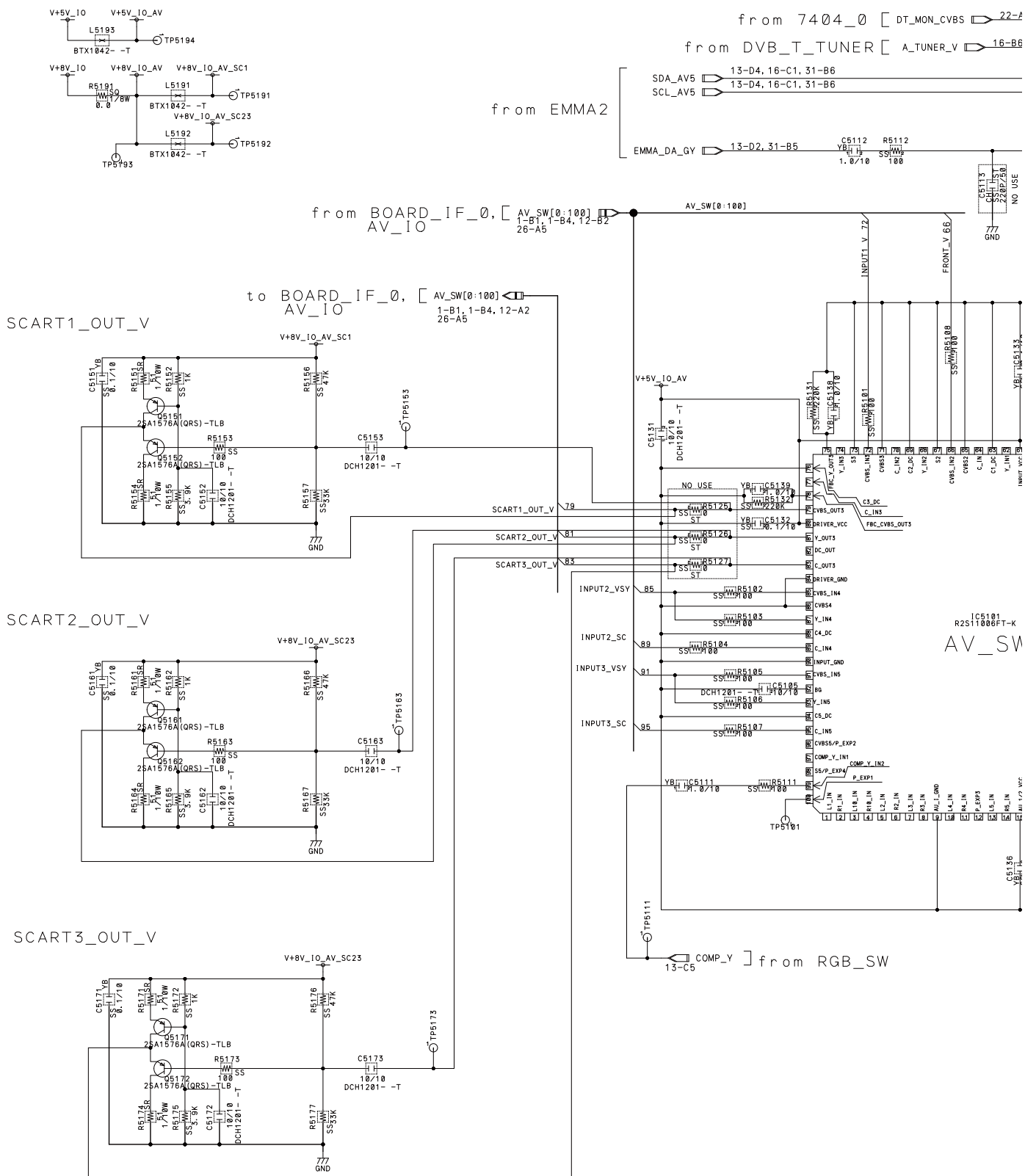
10.12 MAIN BLOCK ASSY (11/33) [HDMI_SW BLOCK]

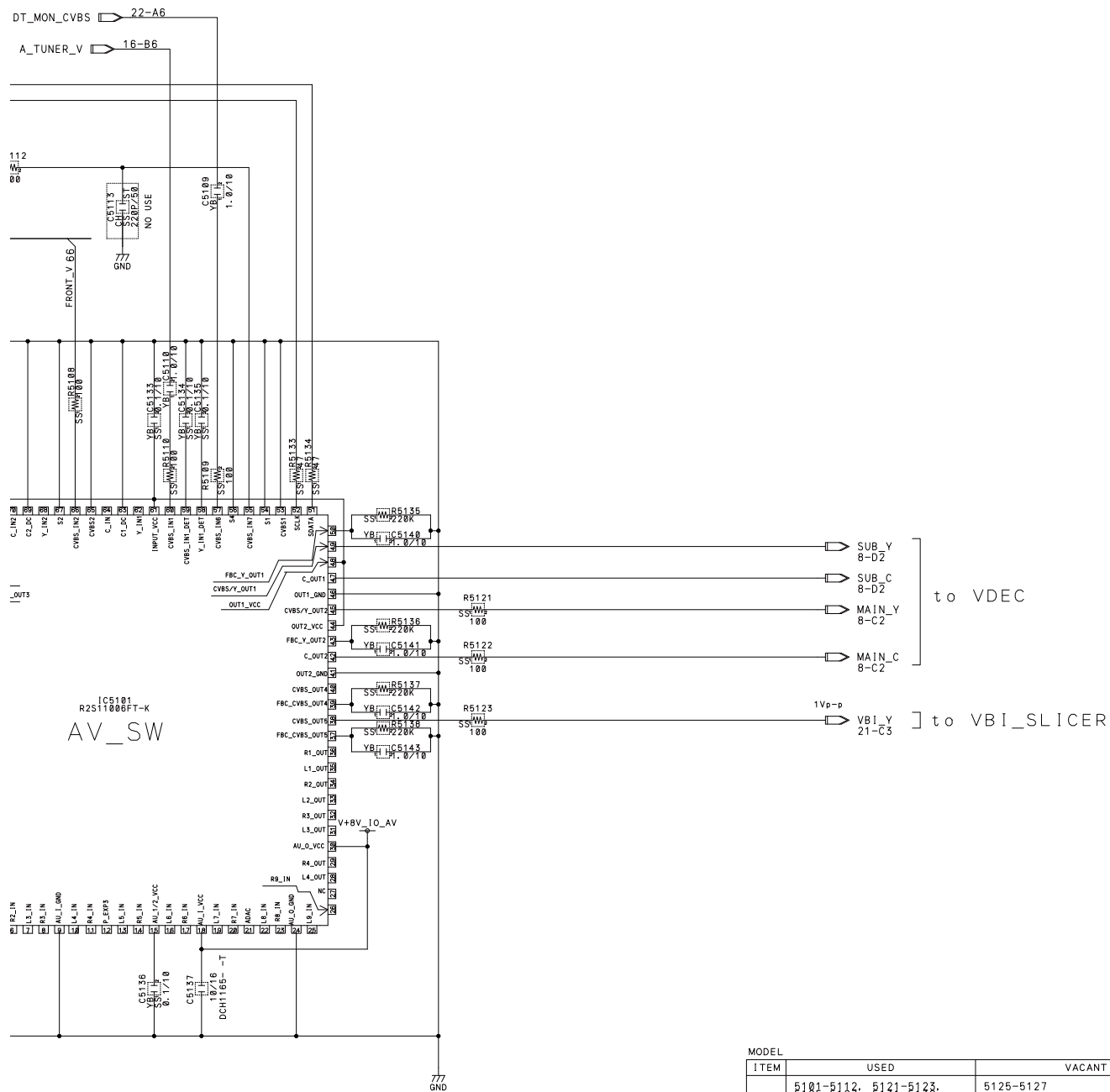




△

F





MODEL

ITEM	USED	VACANT
R	5101-5112, 5121-5123, 5129-5167, 5181-5189, 5171-5177	5125-5127
C	5105-5109, 5113-5131-5143, 5173-5175	5113
Q	5151, 5152, 5161, 5162	
IC	5101	
F		
X		
L	5191-5193	
D		
CN		

MAIN ASSY (MR_EU) (12/34)
AV_SW BLOCK

AWV2570 : AWW1413 A12W1411
AWV2569 : AWW1411 A12W1411
AWV2572 : AWW1411 A12W1411

4

F



△



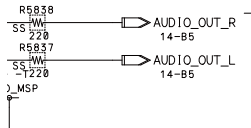
The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

16-B6 Δ AIR_SIF] from DVB_T_TUNER

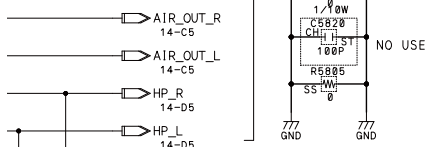
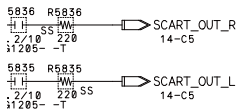


SW_P 14-A5
SW_N 14-A5

from OWN

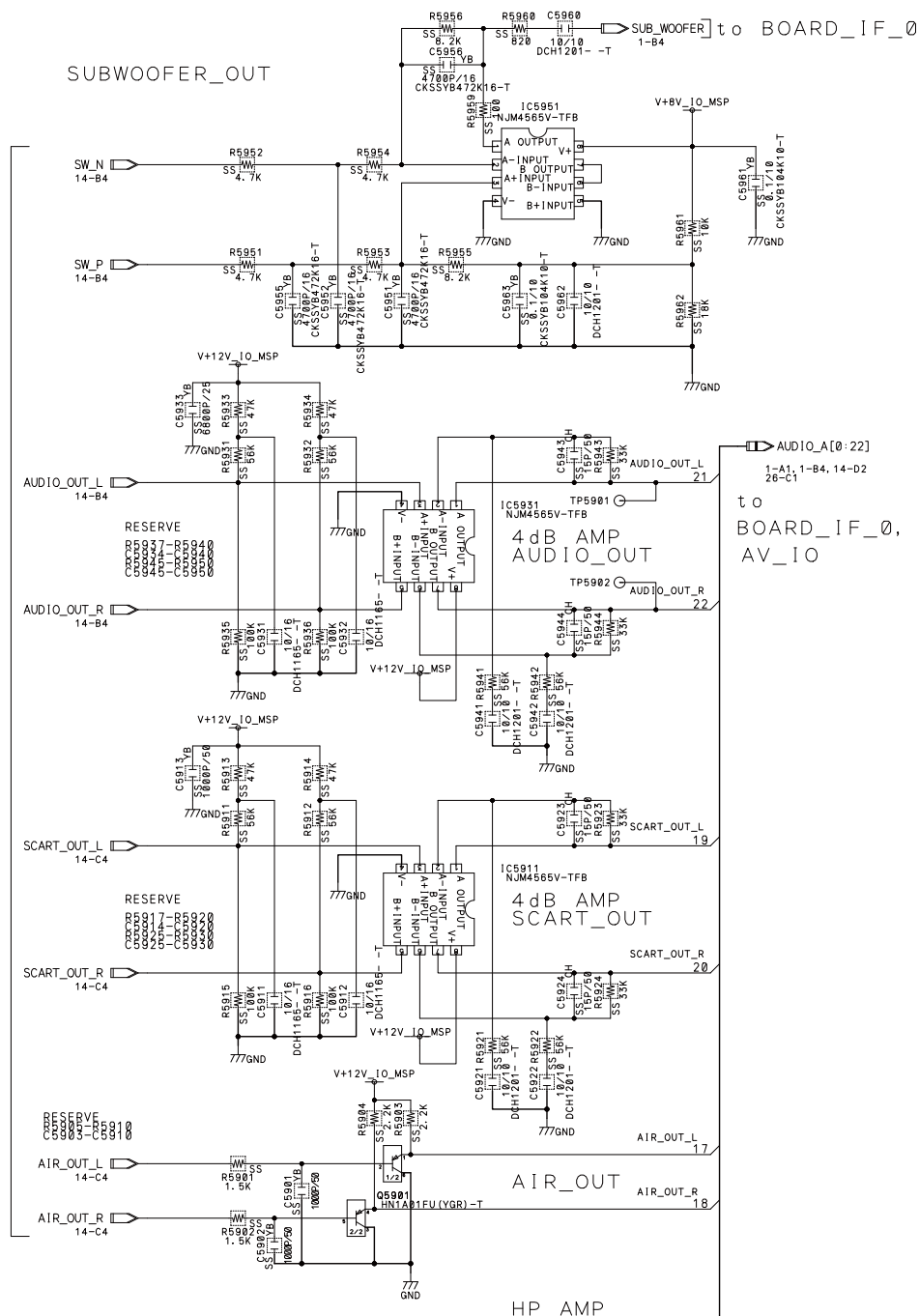


to OWN

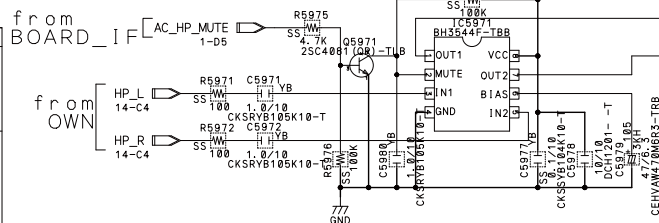


USED	VACANT
5805, 5806, 5807, 5808, 5809, 5810, 5811, 5812, 5813, 5814, 5815, 5816, 5817, 5818, 5819, 5820, 5821, 5822, 5823, 5824, 5825, 5826, 5827, 5828, 5829, 5830, 5831, 5832, 5833, 5834, 5835, 5836, 5837, 5838, 5839, 5840, 5841, 5842, 5843, 5844, 5845, 5846, 5847, 5848, 5849, 5850, 5851, 5852, 5853, 5854, 5855, 5856, 5857, 5858, 5859, 5860, 5861, 5862, 5863, 5864, 5865, 5866, 5867, 5868, 5869, 5870, 5871, 5872, 5873, 5874, 5875, 5876, 5877, 5878, 5879, 5880, 5881, 5882, 5883, 5884, 5885, 5886, 5887, 5888, 5889, 5890, 5891, 5892, 5893, 5894, 5895, 5896, 5897, 5898, 5899, 5900, 5901, 5902, 5903, 5904, 5905, 5906, 5907, 5908, 5909, 5910, 5911, 5912, 5913, 5914, 5915, 5916, 5917, 5918, 5919, 5920, 5921, 5922, 5923, 5924, 5925, 5926, 5927, 5928, 5929, 5930, 5931, 5932, 5933, 5934, 5935, 5936, 5937, 5938, 5939, 5940, 5941, 5942, 5943, 5944, 5945, 5946, 5947, 5948, 5949, 5950, 5951, 5952, 5953, 5954, 5955, 5956, 5957, 5958, 5959, 5960, 5961, 5962, 5963, 5964, 5965, 5966, 5967, 5968, 5969, 5970, 5971, 5972, 5973, 5974, 5975, 5976, 5977, 5978, 5979, 5980, 5981, 5982, 5983, 5984, 5985, 5986, 5987, 5988, 5989, 5990, 5991, 5992, 5993, 5994, 5995, 5996, 5997, 5998, 5999, 6000	5805, 5806, 5816, 5820
866, 5901, 5971	5866
801, 5911, 5931, 5951, 5971	
801	
807, 5808, 5866	5866

SUBWOOFER_OUT



HP AMP



MAIN ASSY (MR_EU) (14/34)
MSP BLOCK

AWV2570 : AWW1413
AWV2565 : AWW1411
AWV2572 : AWW1411

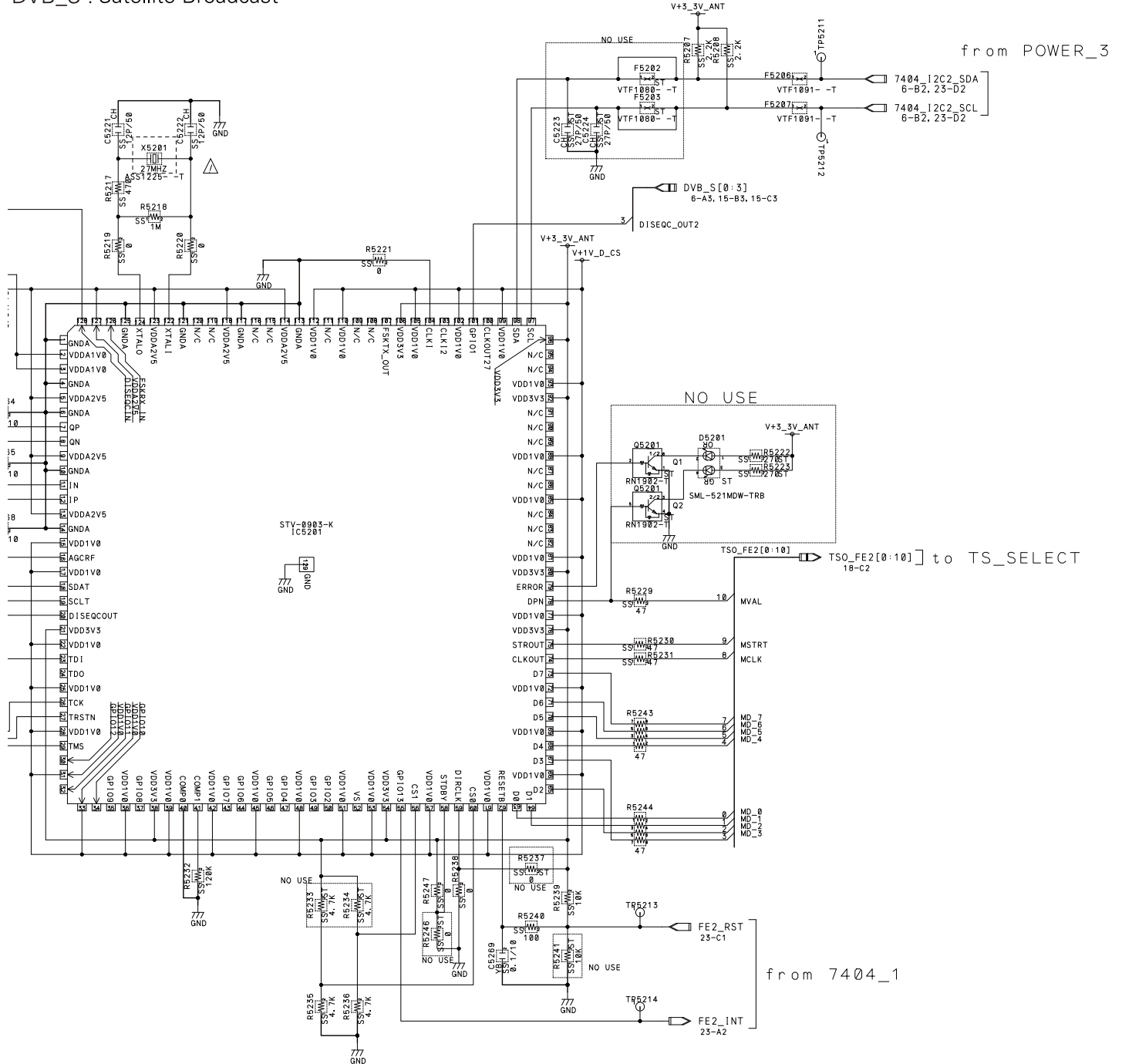
4



The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

DVB_S : Satellite Broadcast

ITEM	USED	VACANT
R	5201-5247	5202, 5203, 5204, 5222-5224, 5235, 5239, 5241, 5241b
c	5201-5271	5205-5211, 5223-5224, 5266, 5270, 5271
Q	5201	5201
IC	5201	
F	5201-5203, 5206, 5207	5202, 5203
X	5201	
L	5201, 5202	5201
D	5201-5203	5201
U	5201	



MAIN ASSY (MR_EU) (15/34)
DVB_S_TUNER_BLK
AWV2570 : AWW1413
AWV2568 : AWW1411
AWV2572 : AWW1411

4

A



C

D

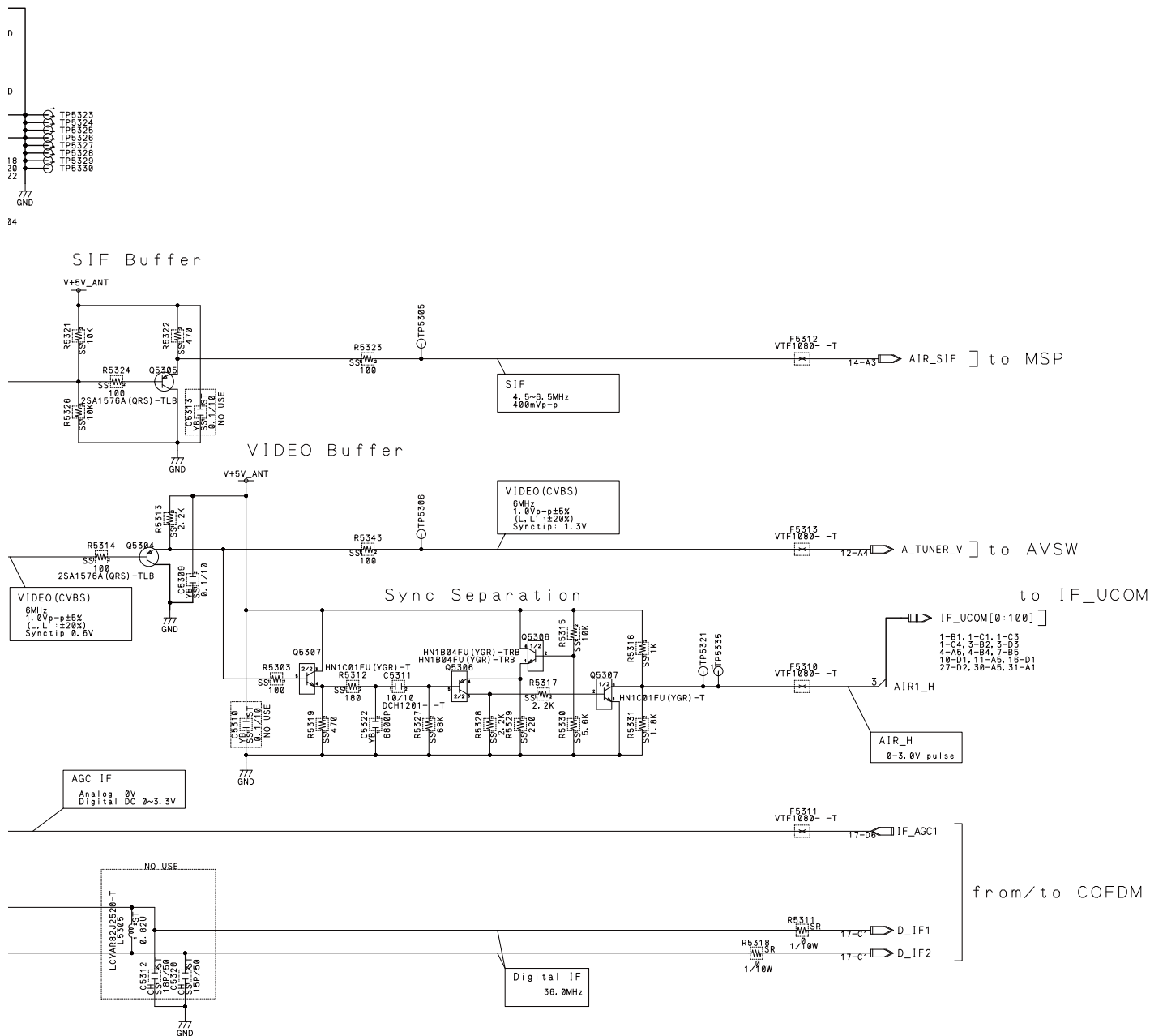
E

F

36

KRP-M01

4



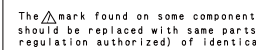
MODEL	USED	VACANT
R	5301-5319, 5321-5324, 5326-5331, 5343	
C	5301-5304, 5306, 5307, 5309-5322, 5324-5330	5301, 5302, 5304, 5306, 5310, 5321, 5325-5328
Q	5303-5308	
IC	5301	
F	5301-5313	
U	5301	
L	5301-5308	5302, 5305
D	5301	
CN		

MAIN ASSY (MR_EU) (16/34)
DVB_T_TUNER BLK

AWW2570 : AWW1413
AWW2569 : AWW1411
AWW2572 : AWW1411

4

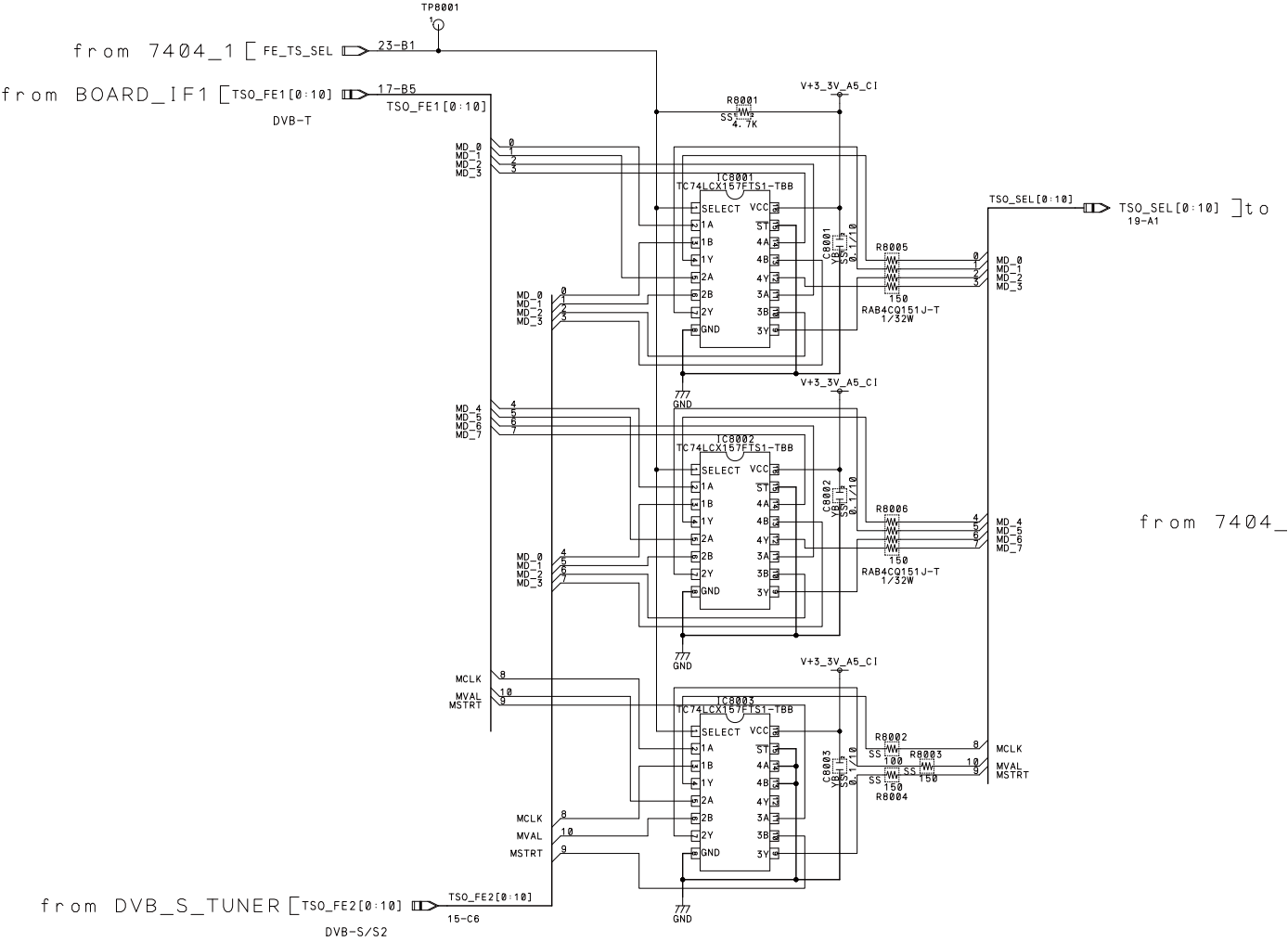
F



10.19 MAIN BLOCK ASSY (18/33) [TS_SELECT BLOCK]

FE_TS_SEL : Select DVB-T or DVB-S tuner

High	DVB-S/S2
Low	DVB-T



A

B

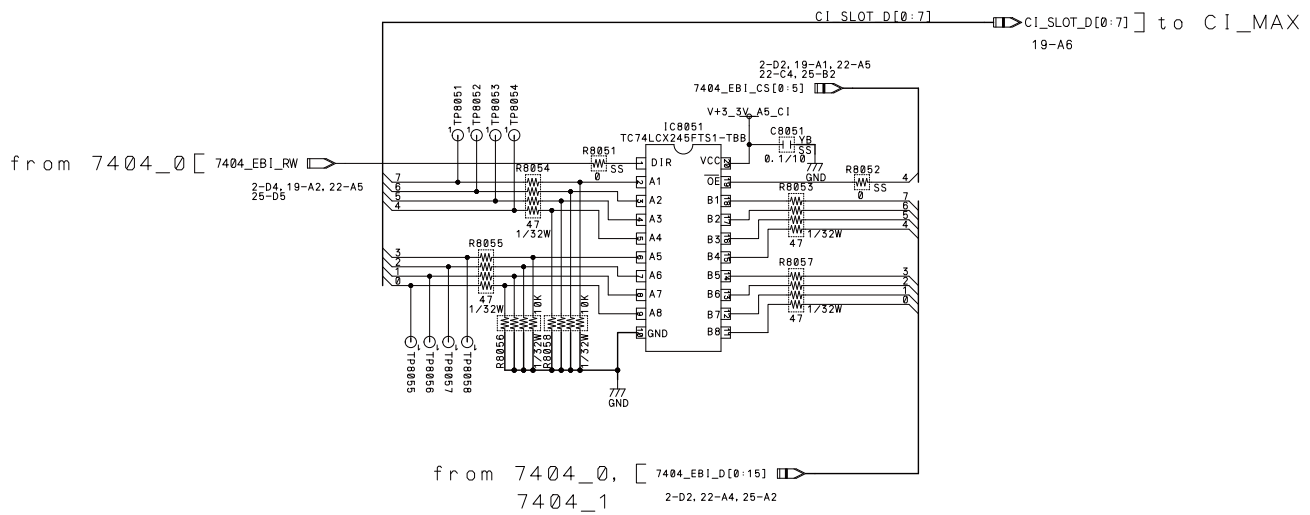
C

D

E

F

SO_SEL[0:10]] to C IMAX
19-A1



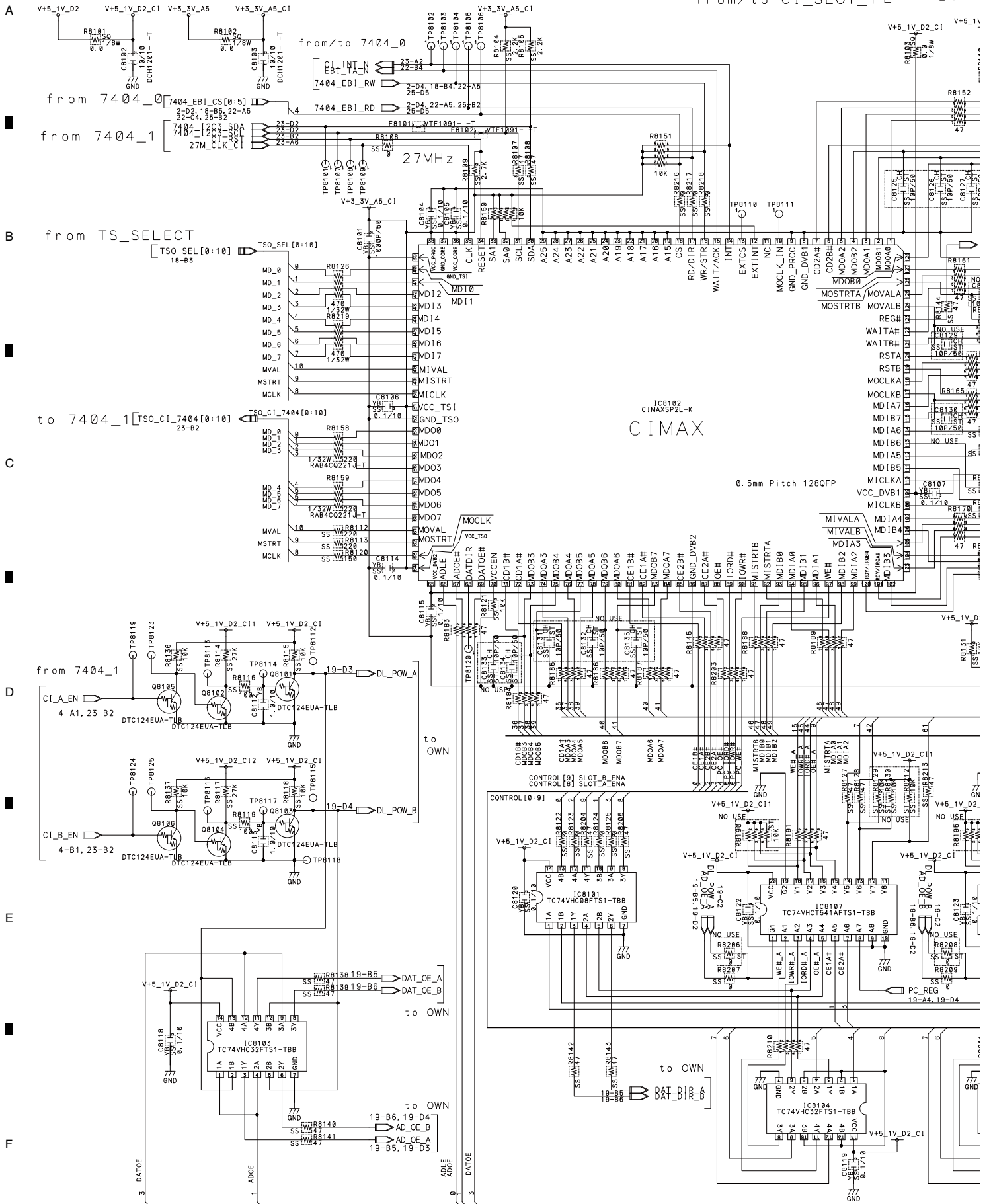
MODEL		
ITEM	USED	VACANT
R	8001-8006, 8051-8058	
C	8001-8003, 8051	
Q		
IC	8001-8003, 8051	
F		
X		
L		
D		
CN		

MAIN ASSY (MR_EU) (18/34)
TS_SELECT BLOCK

AWV2570- : AWW1413
AWV2568- : AWW1411
AWV2572- : AWW1411

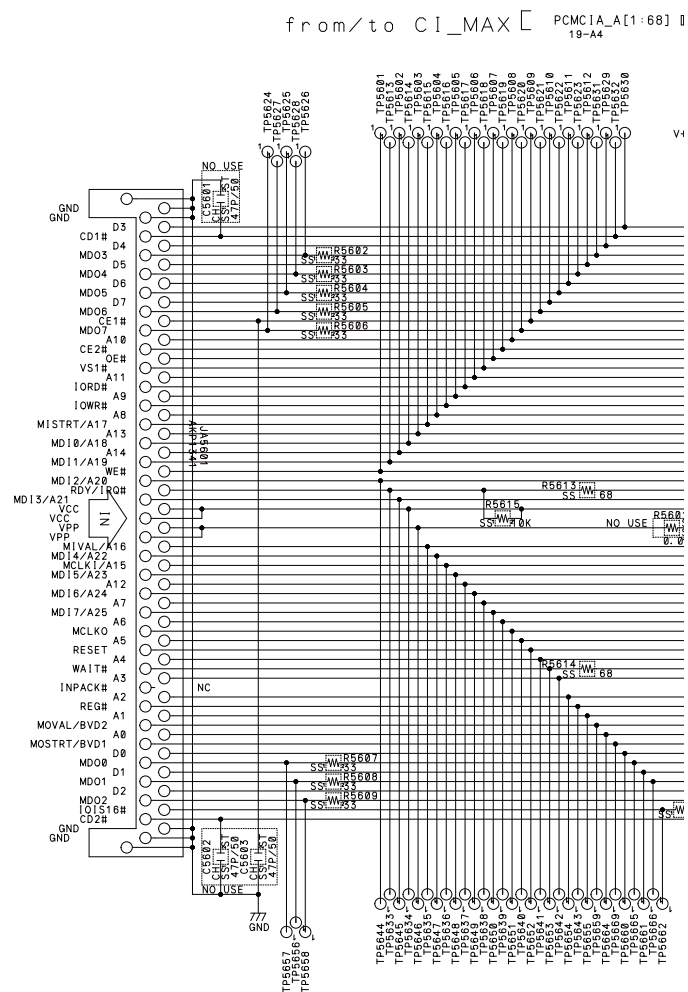
10.20 MAIN BLOCK ASSY (19/33) [CIMAX BLOCK]

from/to BOARD_IF1 PCMCIA_B[1:68]
from/to CI_SLOT_1 PCMCIA_A[1:68]



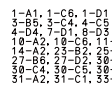
△

F

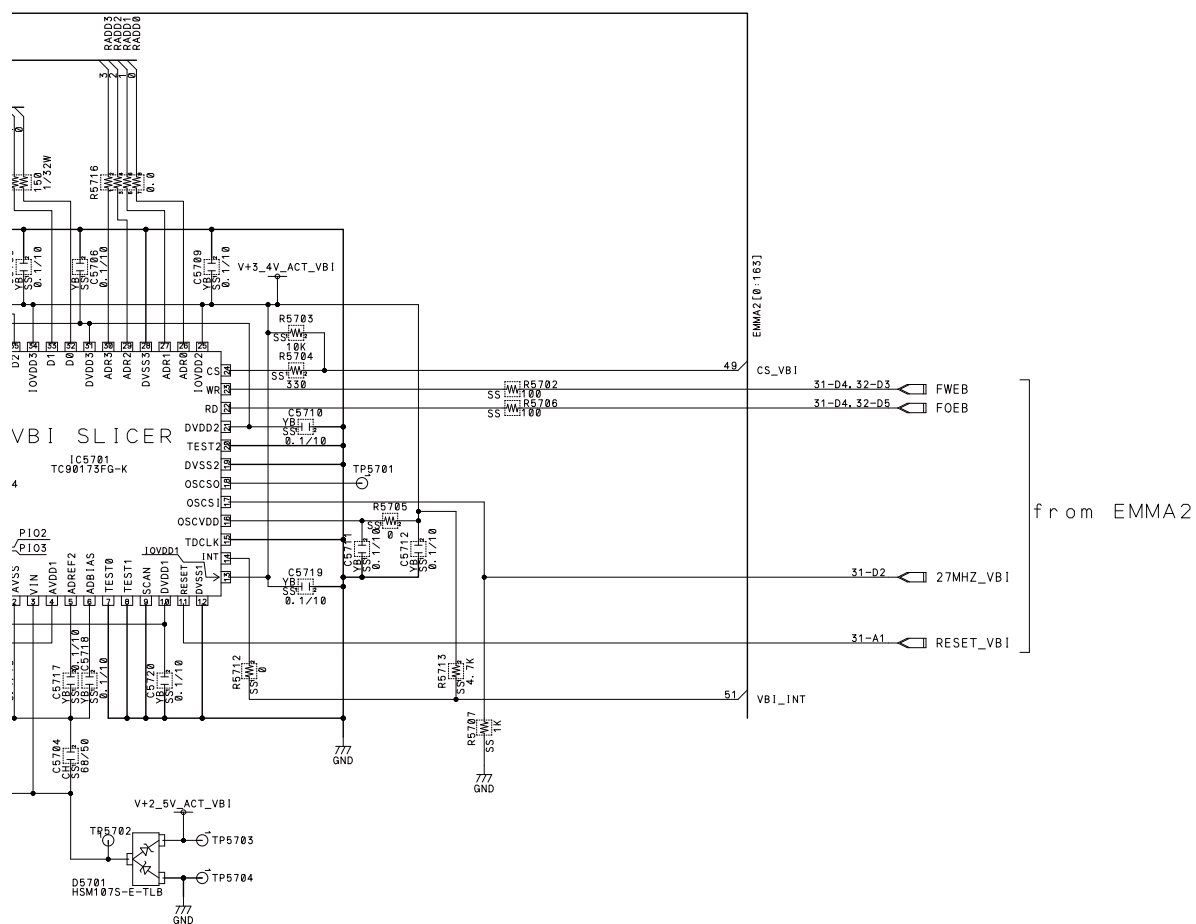


4

F



F



MODEL		
ITEM	USED	VACANT
R	5701-5707, 5709, 5712-5716	
C	5701, 5704-5712, 5714-5720	
Q		
IC	5701	
F		
JA		
L	5701, 5702	
D	5701	
CN		

MAIN ASSY (MR_EU) (21/34)
VBI_SLICER BLOCK

AWV2570- : AWW1413
AWV2569- : AWW1411
AWV2572- : AWW1411

△

4

EBI BUS

ANALOG VIDEO OUT

AUDIO OUT

for Debug

EJTAG
for DebugBBS
for Debug

from/to 7404_DDR

MAIN ASSY (MR_EU) (22/34)
7404_0 BLOCK

AWW2570 : AWW1413
AWW2565 : AWW1411
AWW2572 : AWW1411

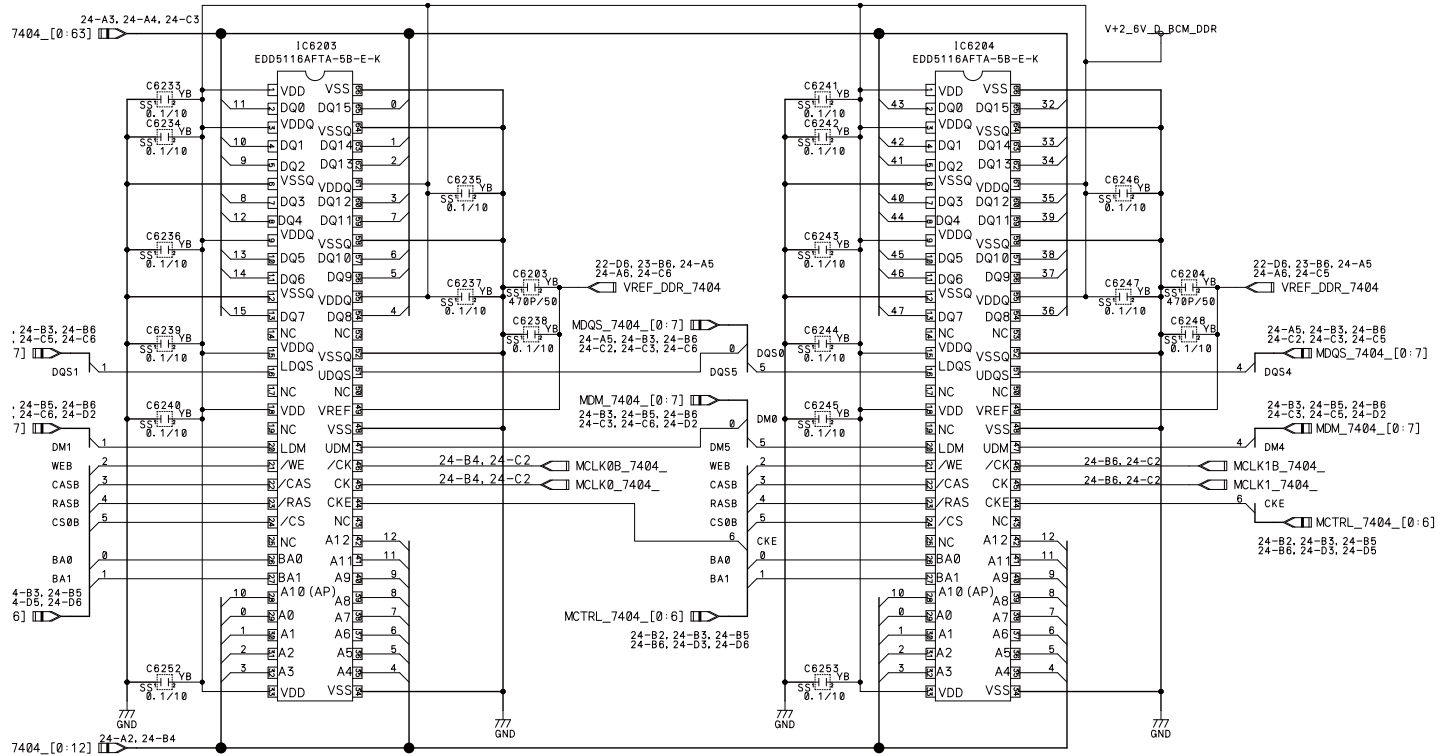
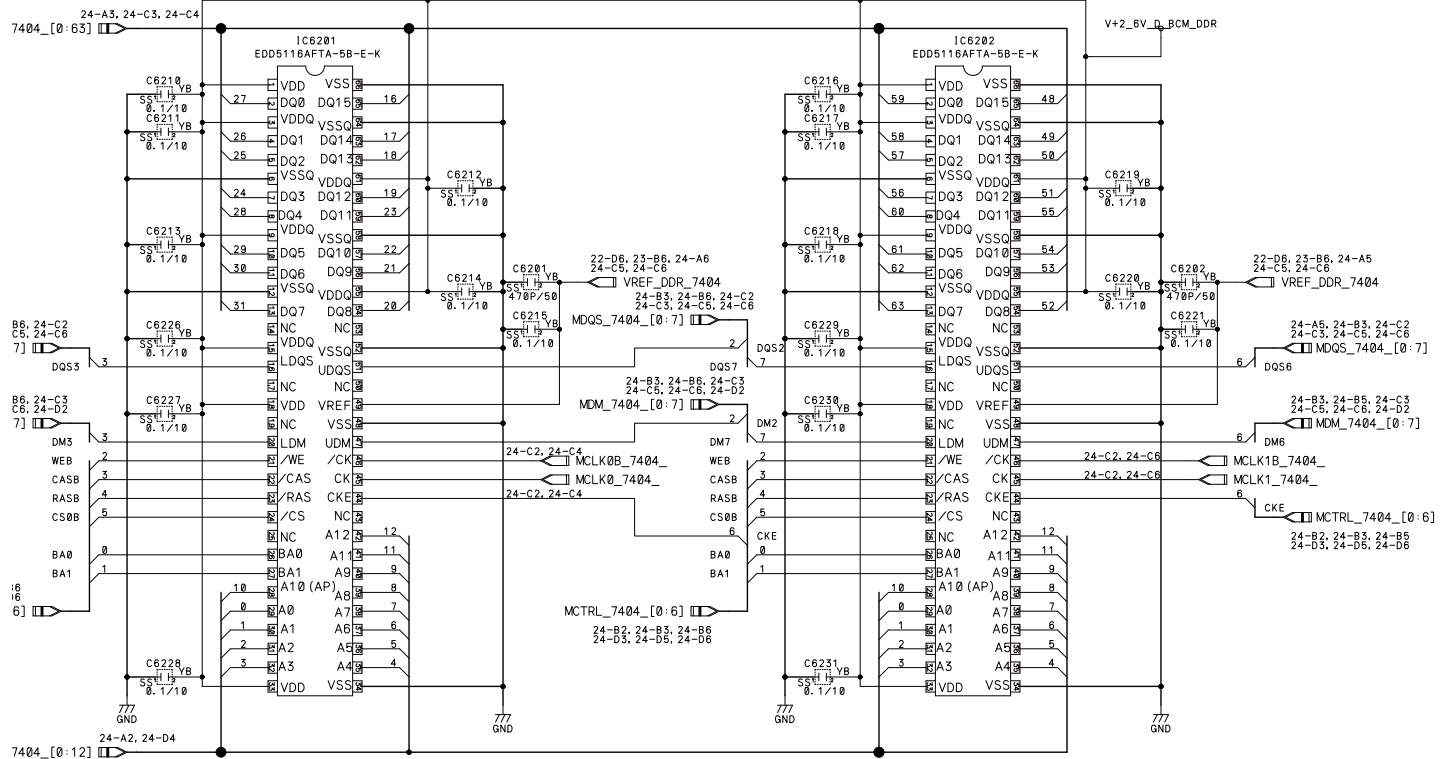
△

F

24 DDR
1bit x 4pcs

IC6201-6204

MAIN EDD5116AFTA-5B-E-K
SUB K4H511638D-UCCC-K



USED	VACANT
3316	
3253	6206
6202	
6204	

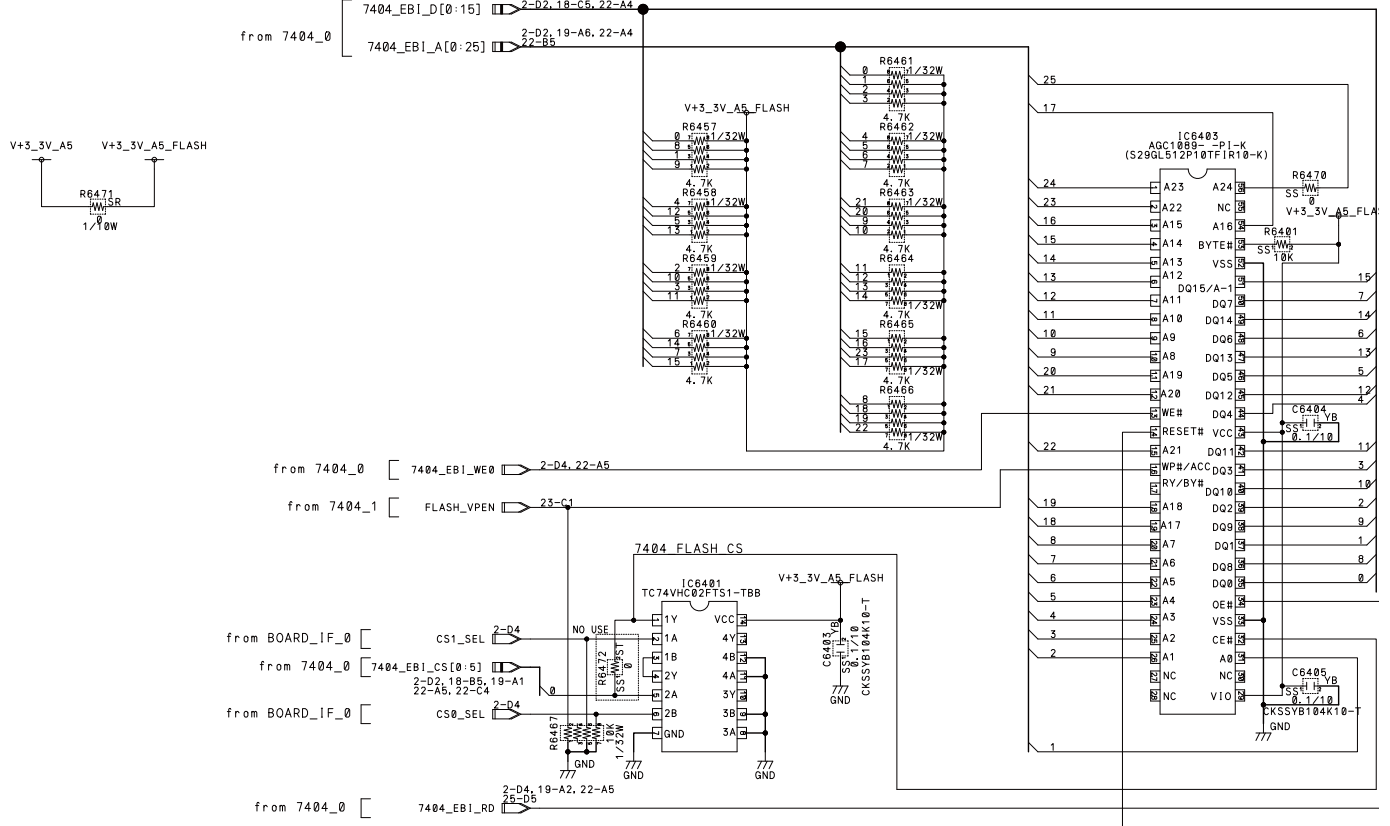
MAIN ASSY (MR_EU) (24/34)
7404_DDR BLOCK

AWV2570 : AWW1413
AWV2569 : AWW1411
AWV2572 : AWW1411

10.26 MAIN BLOCK ASSY (25/33) [7404_FLASH BLOCK]

7404 FLASH

A



B

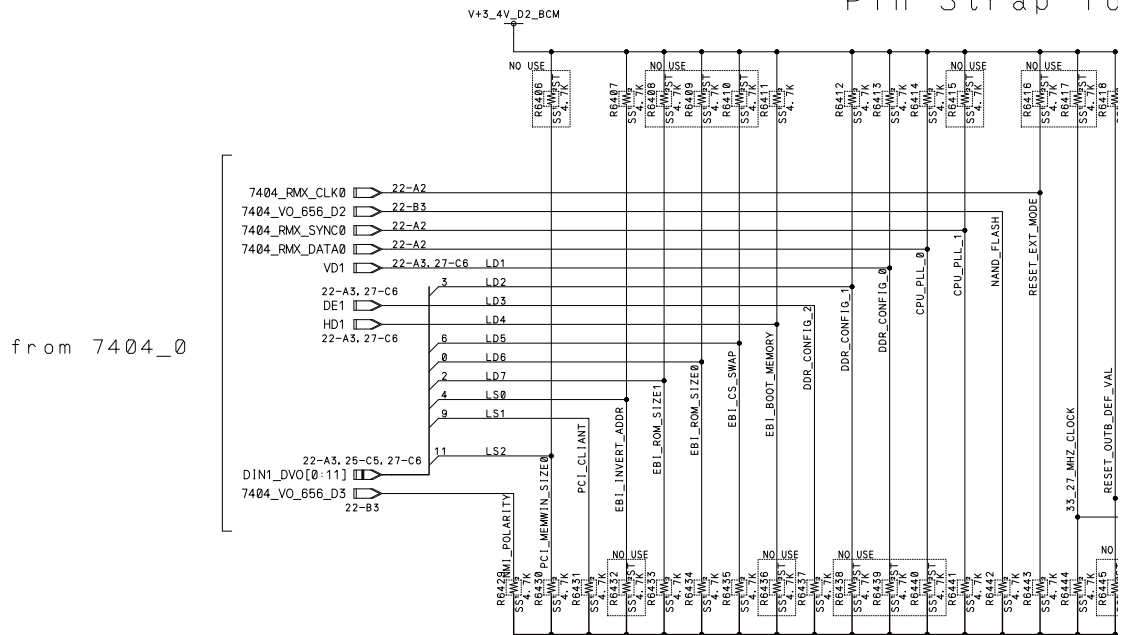
C

Pin Strap for

D

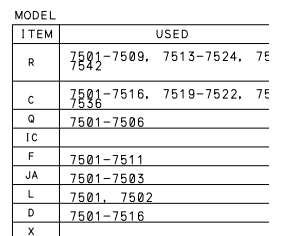
E

F



4

F





```

MAIN ASSY (MR_EU)      (26/34)
AV_IO BLOCK

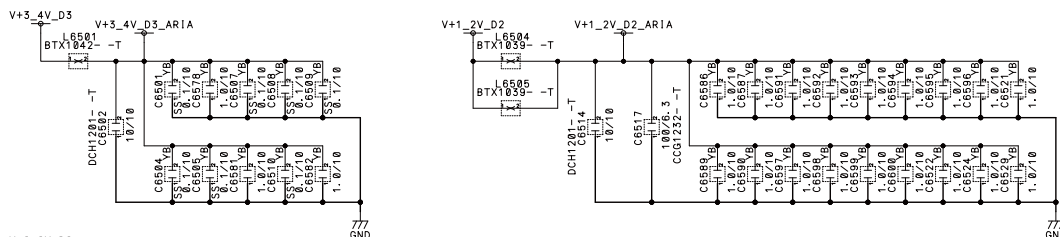
AWV2570- : AWV1413
AWV2569- : AWV1411
AWV2572- : AWV1411

```

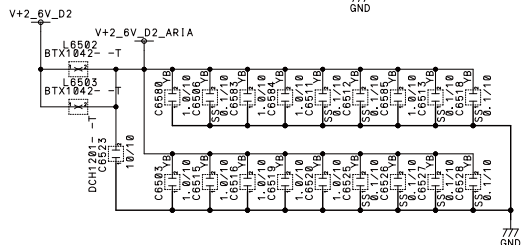
10.28 MAIN BLOCK ASSY (27/33) [ARIA_0 BLOCK]

ITEM	USED
R	6501-6508, 6510-6512, 6515
C	6501-6533, 6575-6578, 6587, 6589-6600
Q	
IC	6501
F	
JA	
L	6501-6509
X	6501

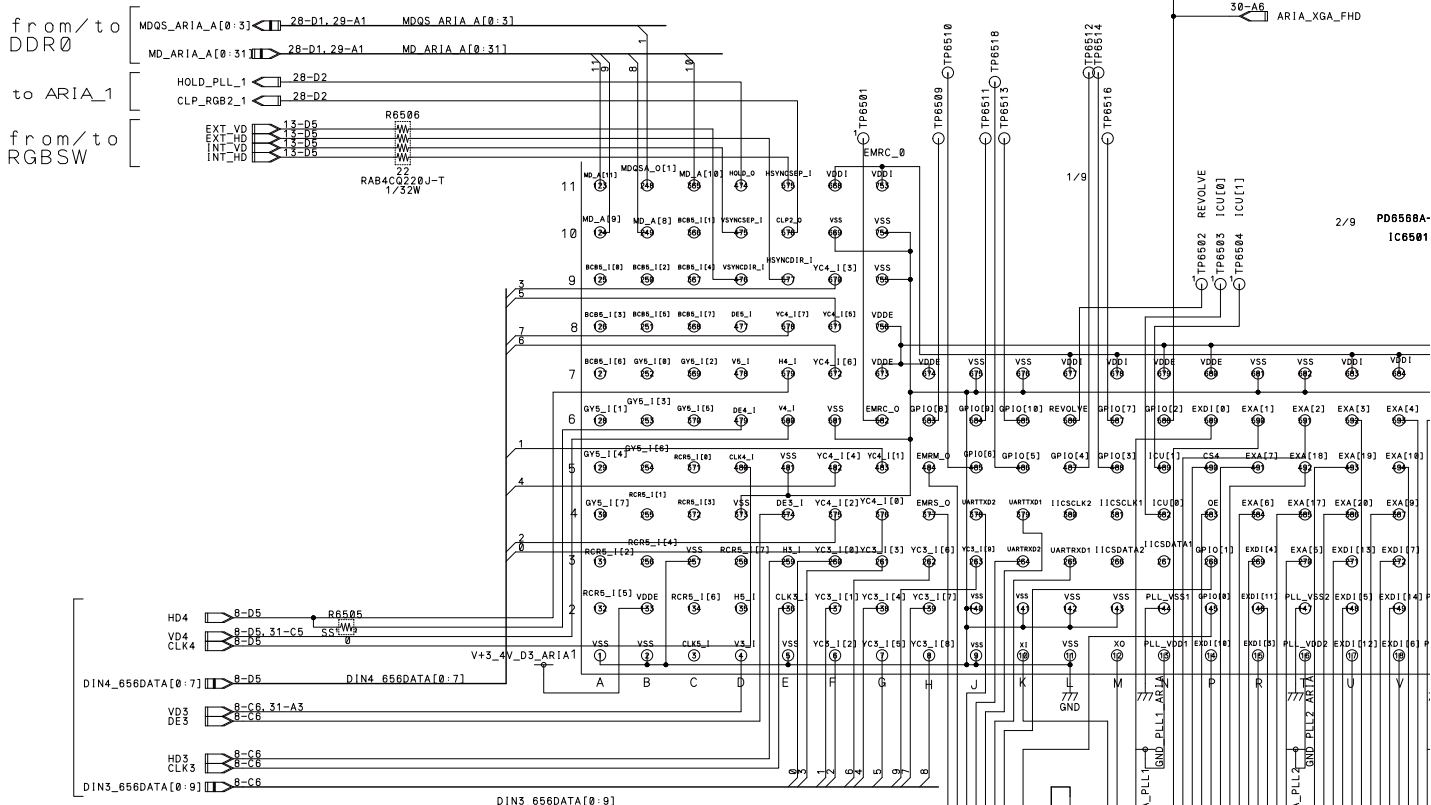
A



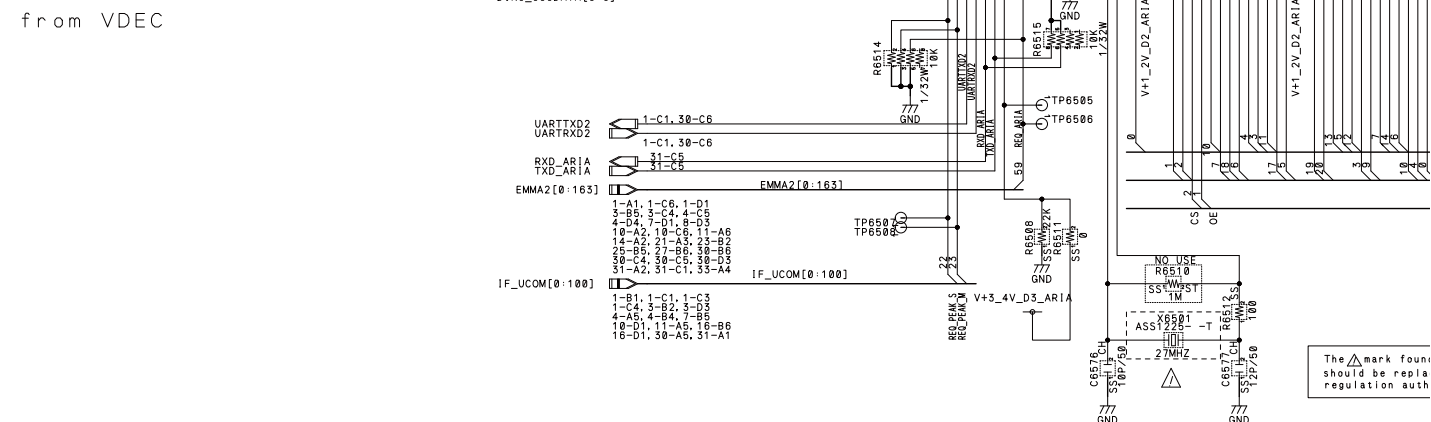
B



C

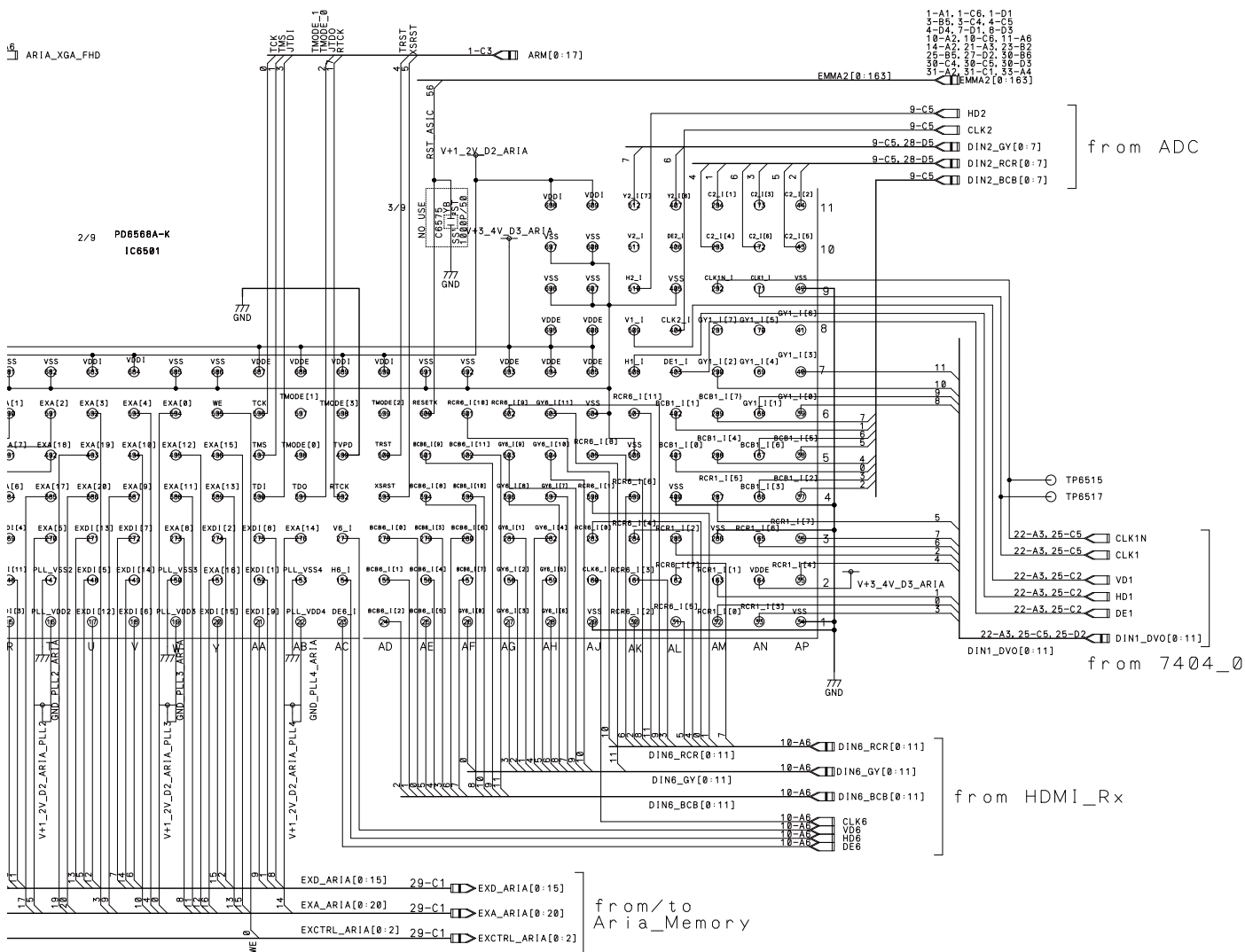
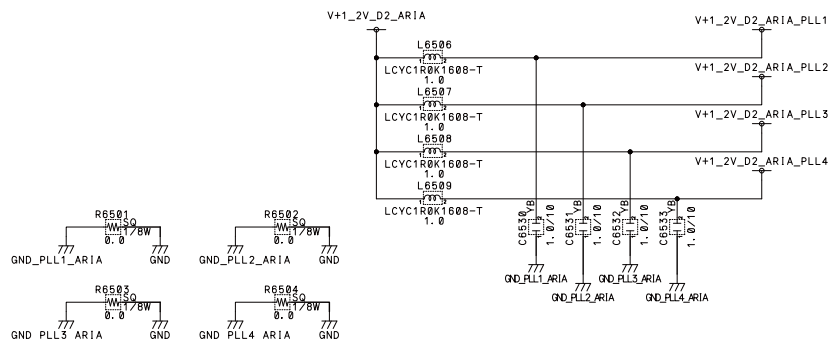


D



F

USED	VACANT
6501-6508, 6510-6512, 6514, 6515	6507, 6510
6501-6533, 6575-6578, 6580-6587, 6589-6600	6575
6501	
6501-6509	
6501	



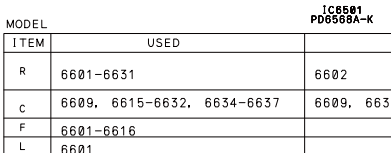
The Δ mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

MAIN ASSY (MR_EU) (27/34)
ARIA_0 BLOCK

AWV2570- : AWW1413
AWV2563- : AWW1411
AWV2572- : AWW1411

4

F



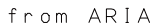


AWV2570-	:	AWW1413
AWV2569-	:	AWW1411
AWV2572-	:	AWW1411

4

DDR _____

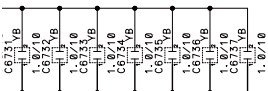
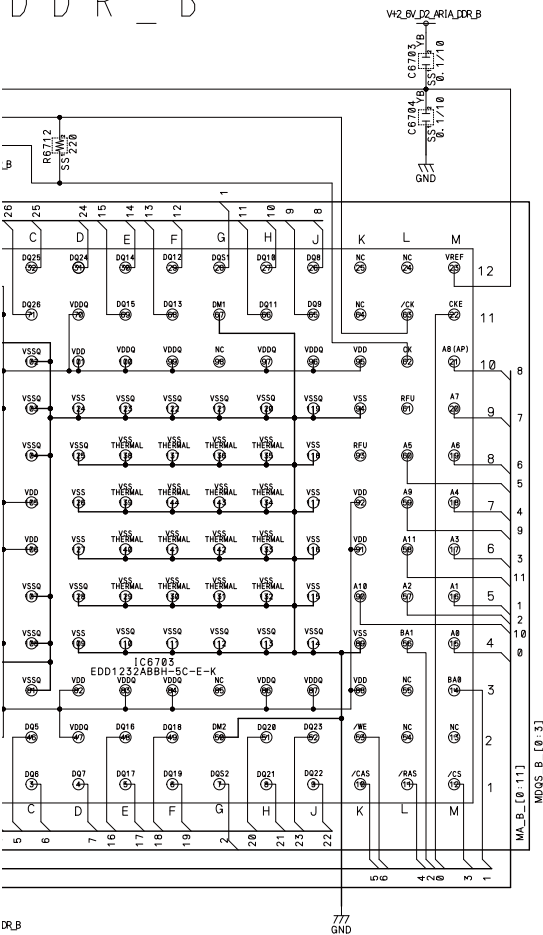
from/to ARIA



ARIA FLASH

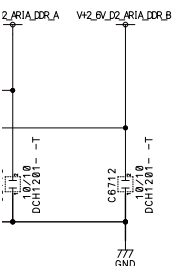
RIA DDR

DDR_B



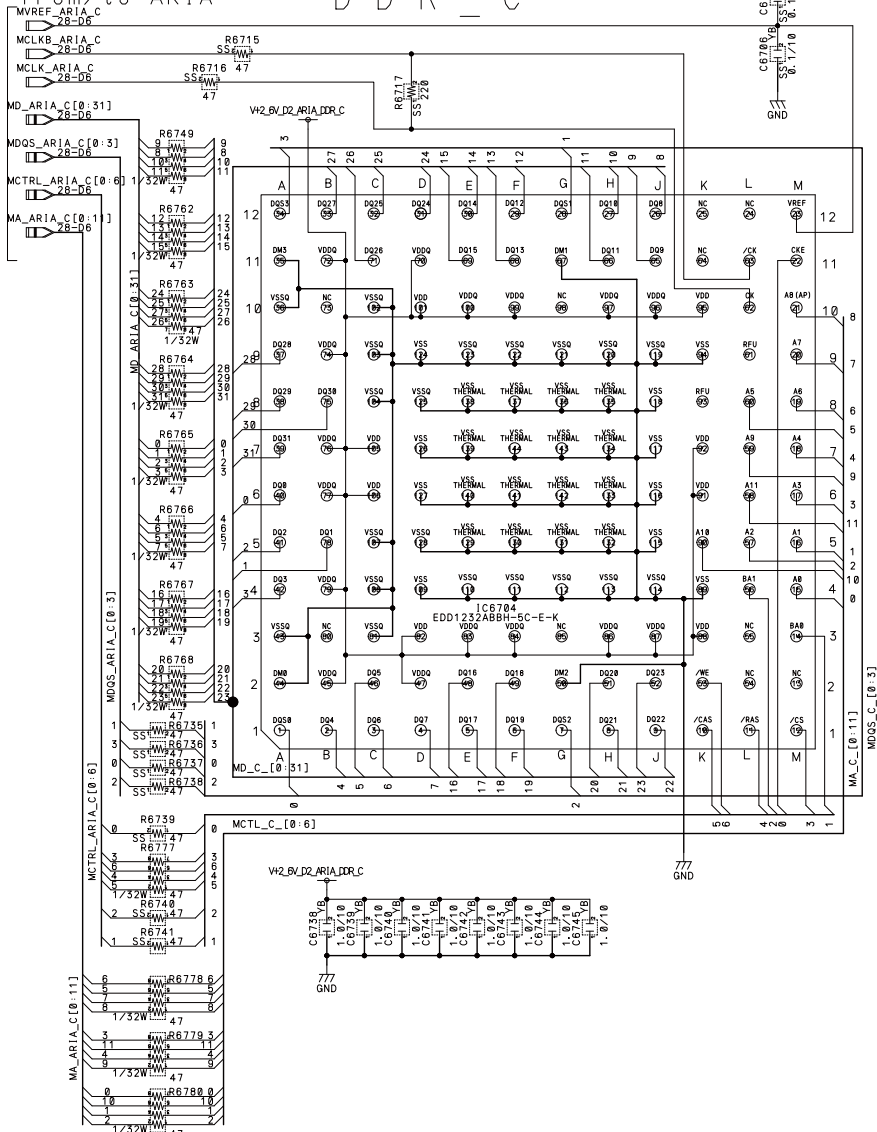
C6702, 6703, 6704 SUB PARTS

- 1st EDD1232ABBH-5C-E-K
- 2nd K4D263238K-VC50-K



from/to ARIA

DDR_C



MODEL		
ITEM	USED	VACANT
R	6705-6707, 6710-6712, 6715-6717, 6720-6741, 6743-6780	6744
C	6701-6708, 6718, 6722-6743, 6712, 6714,	
IC	6701-6704	
L	6701-6703	

MAIN ASSY (MR_EU) (29/34)
ARIA_DDR BLOCK

AWW2570 - : AWW1413
AWW2593 - : AWW1411
AWW2592 - : AWW1411

4

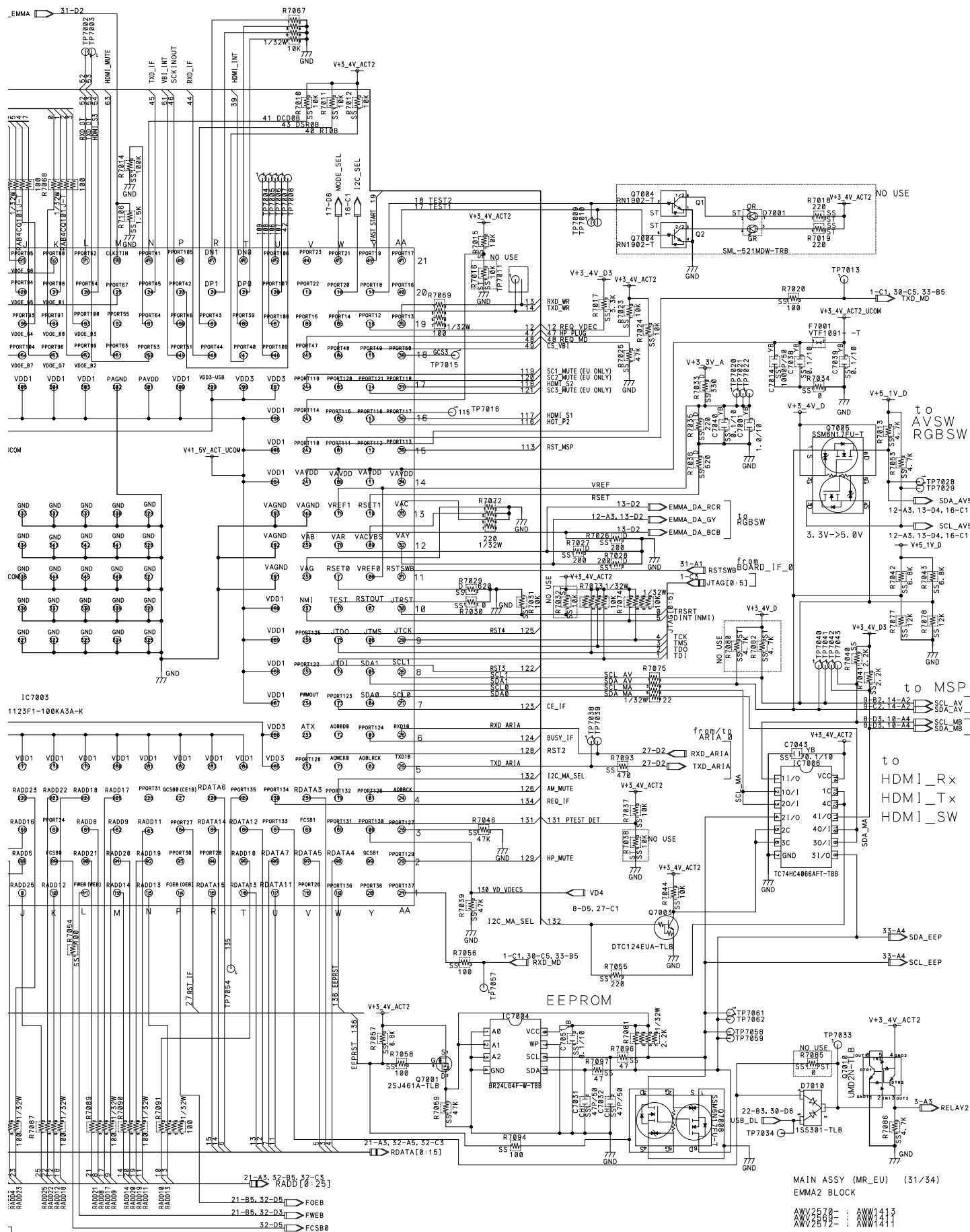




△



KRP-M01

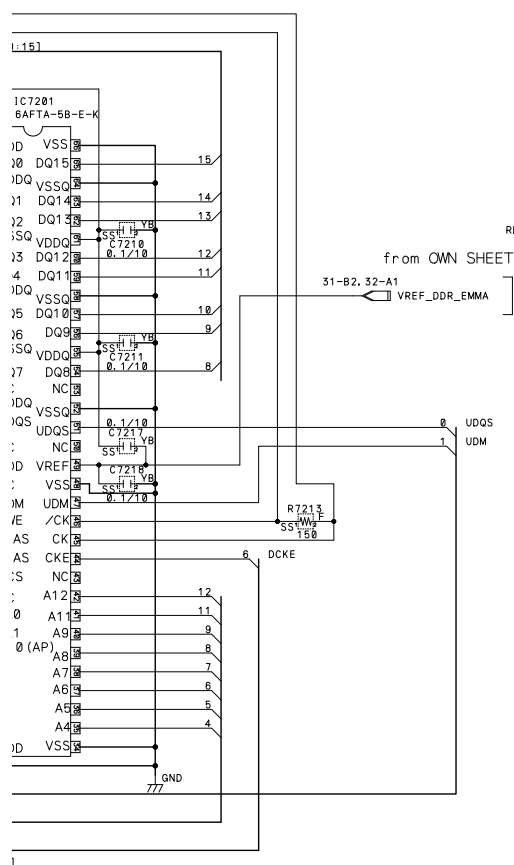


4

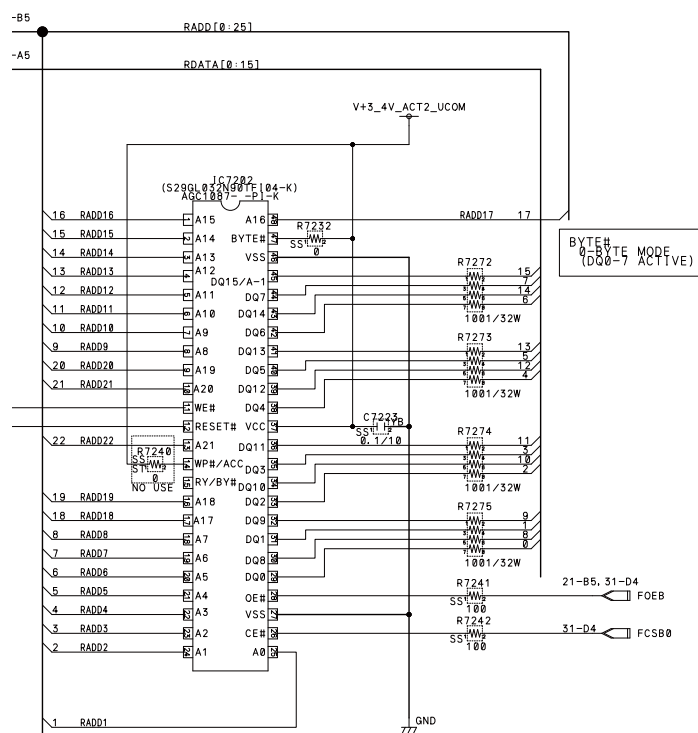
MAIN EDD5116AFTA-5B-E
SUB K4H511638D-UCCC-

A

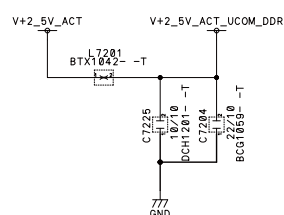
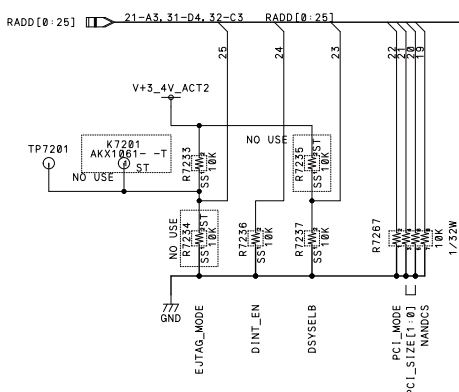
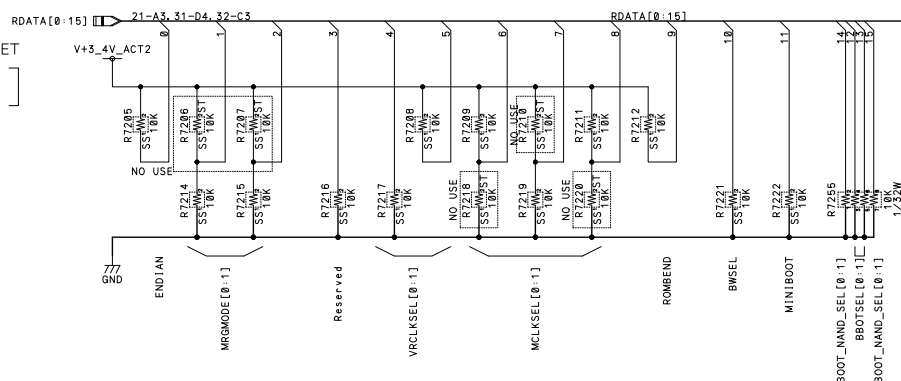




EMMA2 FLASH 32Mb i t



Pin Strap for EMMA2



MODEL		
ITEM	USED	VACANT
R	7201-7238, 7240-7262, 7267-	7201, 7208, 7209, 7235, 7240
C	7201-7221, 7223, 7225, 7226	
Q		
IC	7201-7203	
F		
K	7201	7201
L	7201	
D		
X		

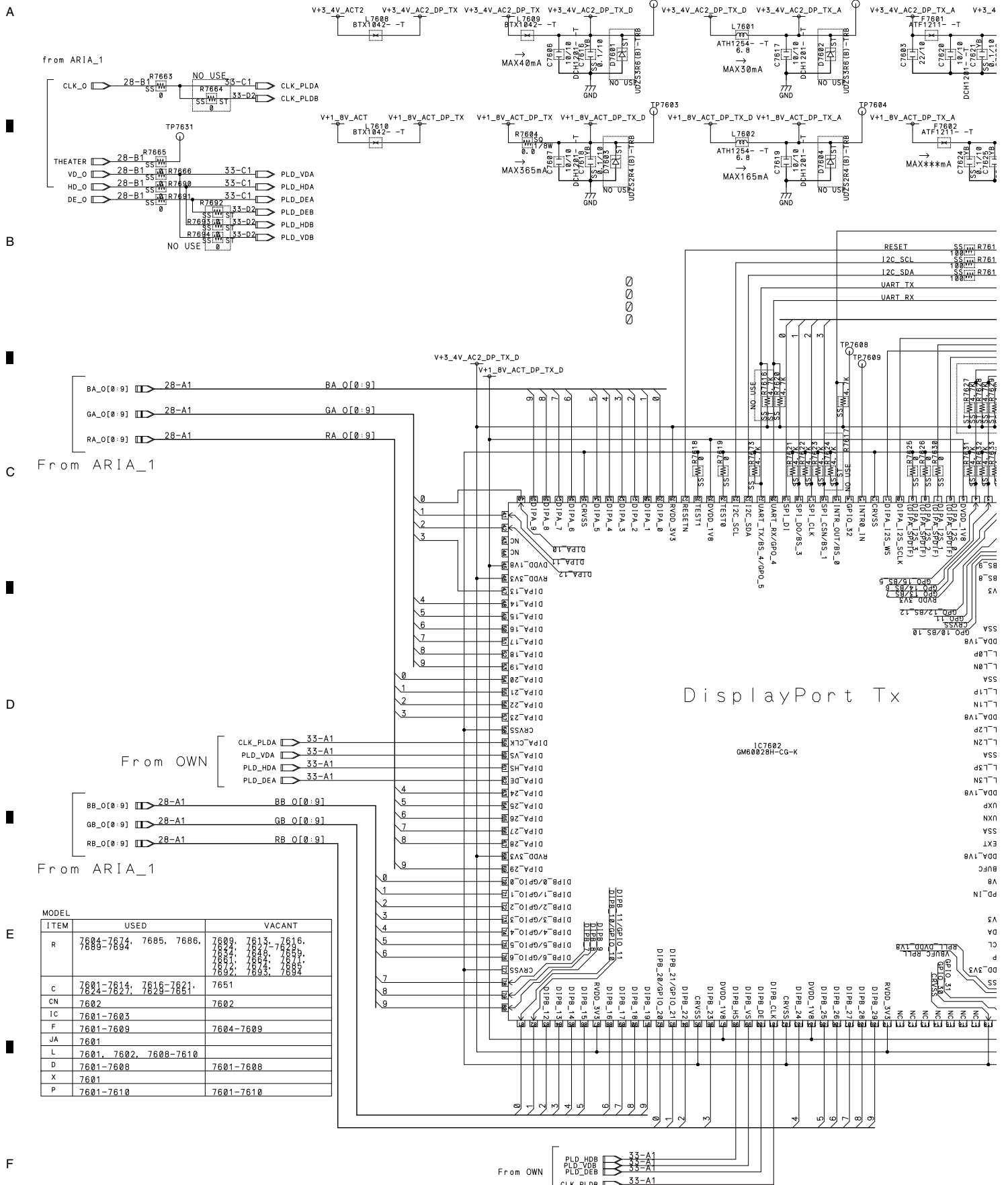
```

MAIN ASSY (MR_EU) (32/34)
EMMA2_MEM BLOCK

AWV2570- : AWW1413
AWV2569- : AWW1411
AWV2572- : AWW1411

```

10.34 MAIN BLOCK ASSY (33/33) [DP_TX BLOCK]





A

B

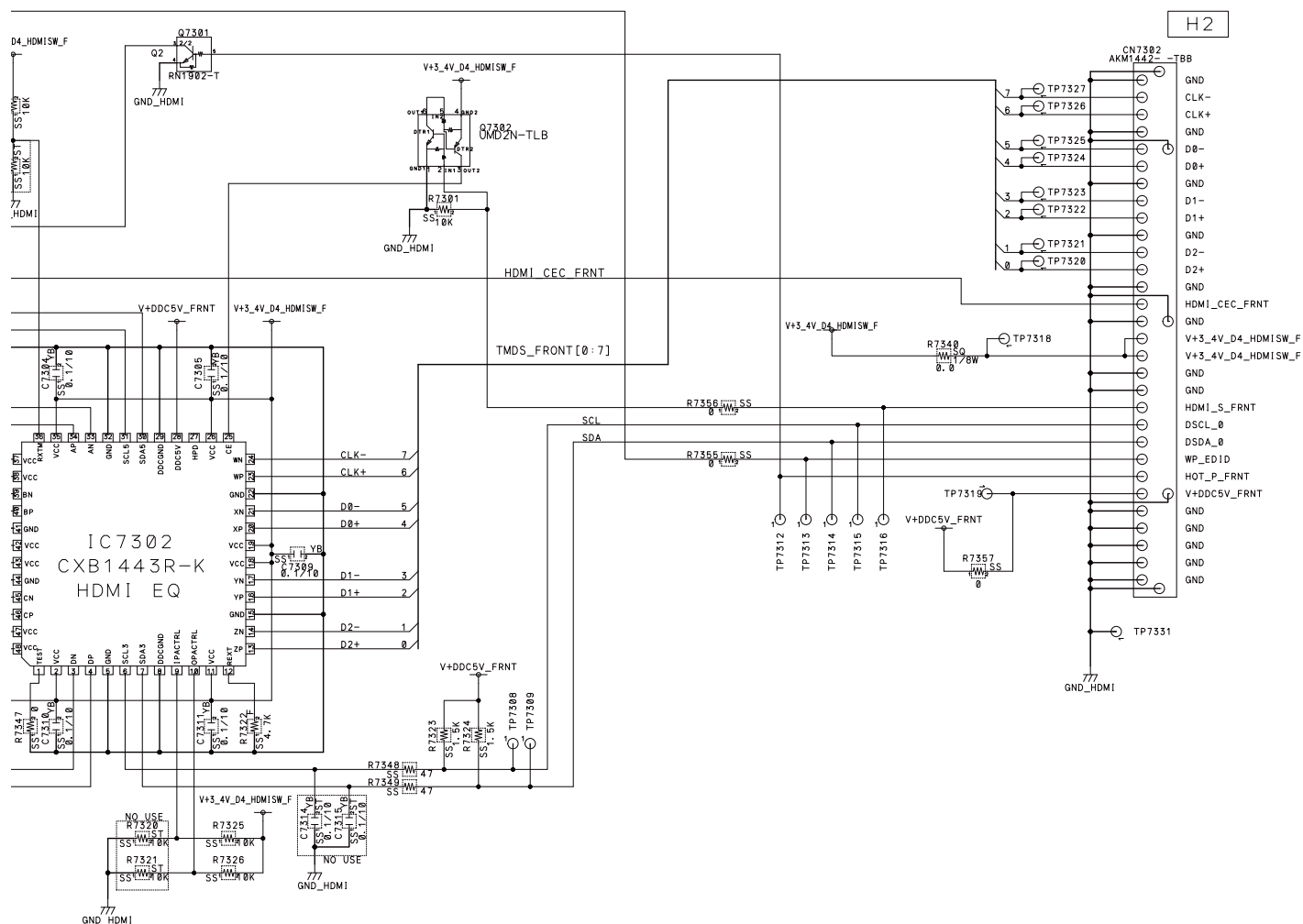
C

D

E

F

from/to	MAIN	Ass'y
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MODEL		
ITEM	USED	VACANT
R	7301-7303, 7311-7314, 7320-7359, 7340, 7347-7349, 7350-7355	7314, 7320, 7321
C	7301, 7303-7311, 7314, 7315	7314, 7315
Q	7301, 7302	
IC	7301, 7302	
JA	7301, 7303	
CN	7302, 7304	
L	7301-7303	7303
D	7301	
P	7301-7312	7301-7312

x found on some component parts
replaced with same parts (safety
n authorized) of identical designation.

MAIN ASSY (MR_EU) (34/34)
FRONT_HDMI_USB ASS'Y

FRONT_HDMI_USB ASS'Y

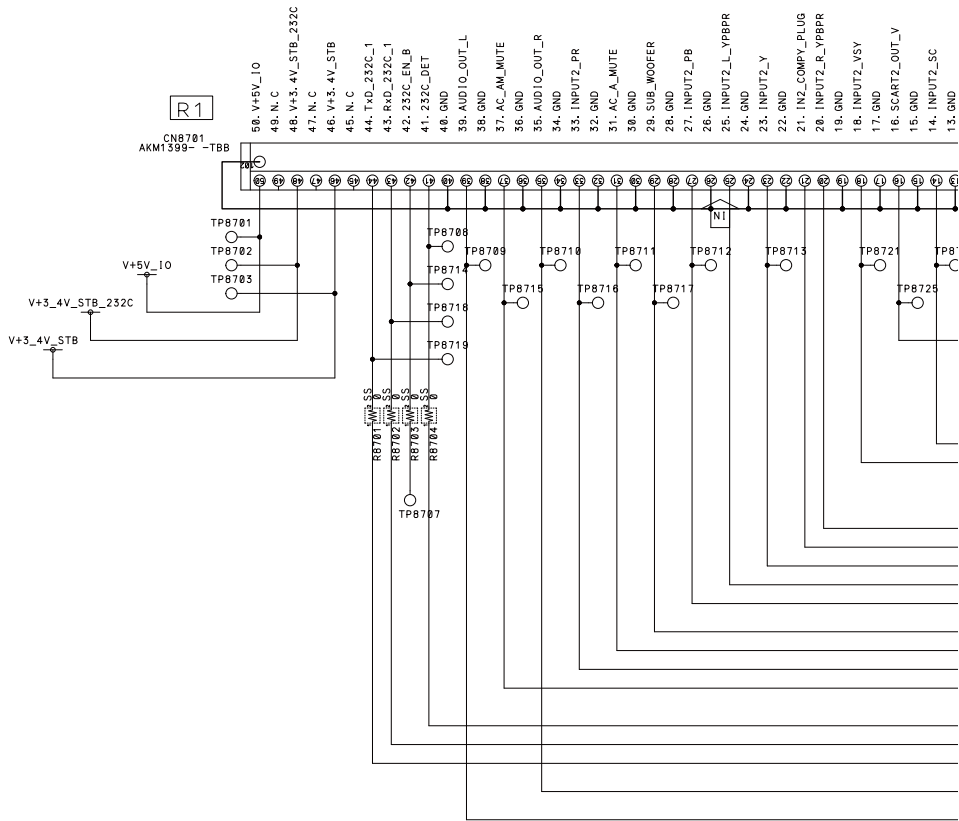
AWV2570-	:	AWW1412
AWV2569-	:	AWW1412
AWV2572-	:	AWW1412

AWV 2.552	678	—	AWW 1	4	2
AWV 2.553	679	—	AWW 1	4	2
AWV 2.554	680	—	AWW 1	4	2

AWV 2.552	678	—	AWW 1	4	2
AWV 2.553	679	—	AWW 1	4	2
AWV 2.554	680	—	AWW 1	4	2

10.36 REAR IO ASSY (1/3) [BOARD_IF BLOCK]


from/to MAIN ASS'Y



MODEL		
ITEM	USED	VACANT
R	8701-8704	
C		
Q		
IC		
F		
X		
L		
D		
CN	8701	

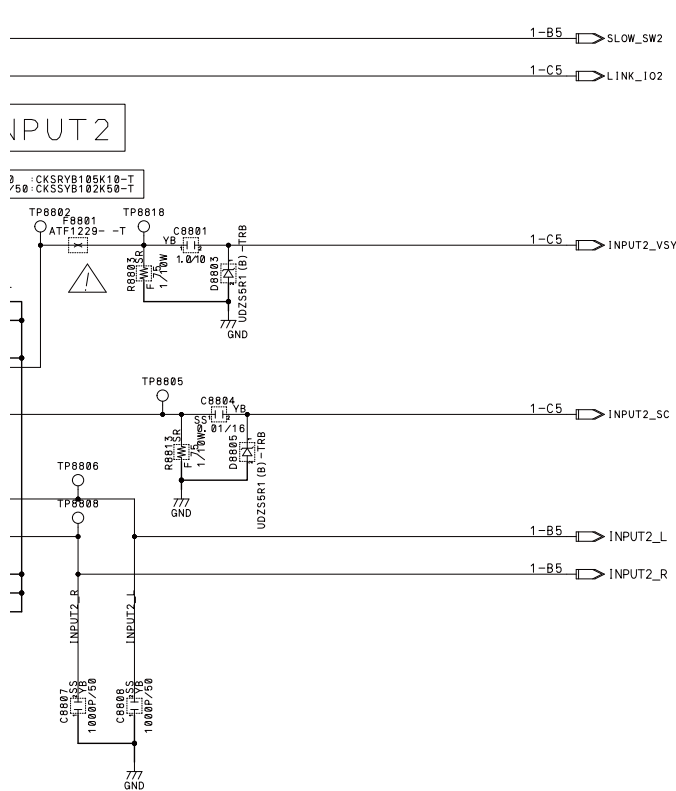
NOTES

RESISTORS

 SS RS1/16SS***J-T

* RESISTORS
Indicated in Ω, ±5%, 1/16W Toler
unless otherwise noted, k:kΩ, M:MΩ

△




to BOARD_IF

INPUT2

- | | |
|---------------------------|-------------------------------|
| 1. Audio R output | 11. Not used |
| 2. Audio R input | 12. Not used |
| 3. Audio L output | 13. Earth |
| 4. Common earth for audio | 14. Not used |
| 5. Earth | 15. Chroma S-Video input |
| 6. Audio L input | 16. Not used |
| 7. Not used | 17. Earth for video |
| 8. Audio-video control | 18. Earth |
| 9. Earth | 19. Video output |
| 10. AV link control | 20. Video input/S-Video input |
| | 21. Plug shield |

Connection pin assignments for SCART

The  mark found on some component parts should be replaced with same parts (safety regulation authorized) of identical designation.

NOTES

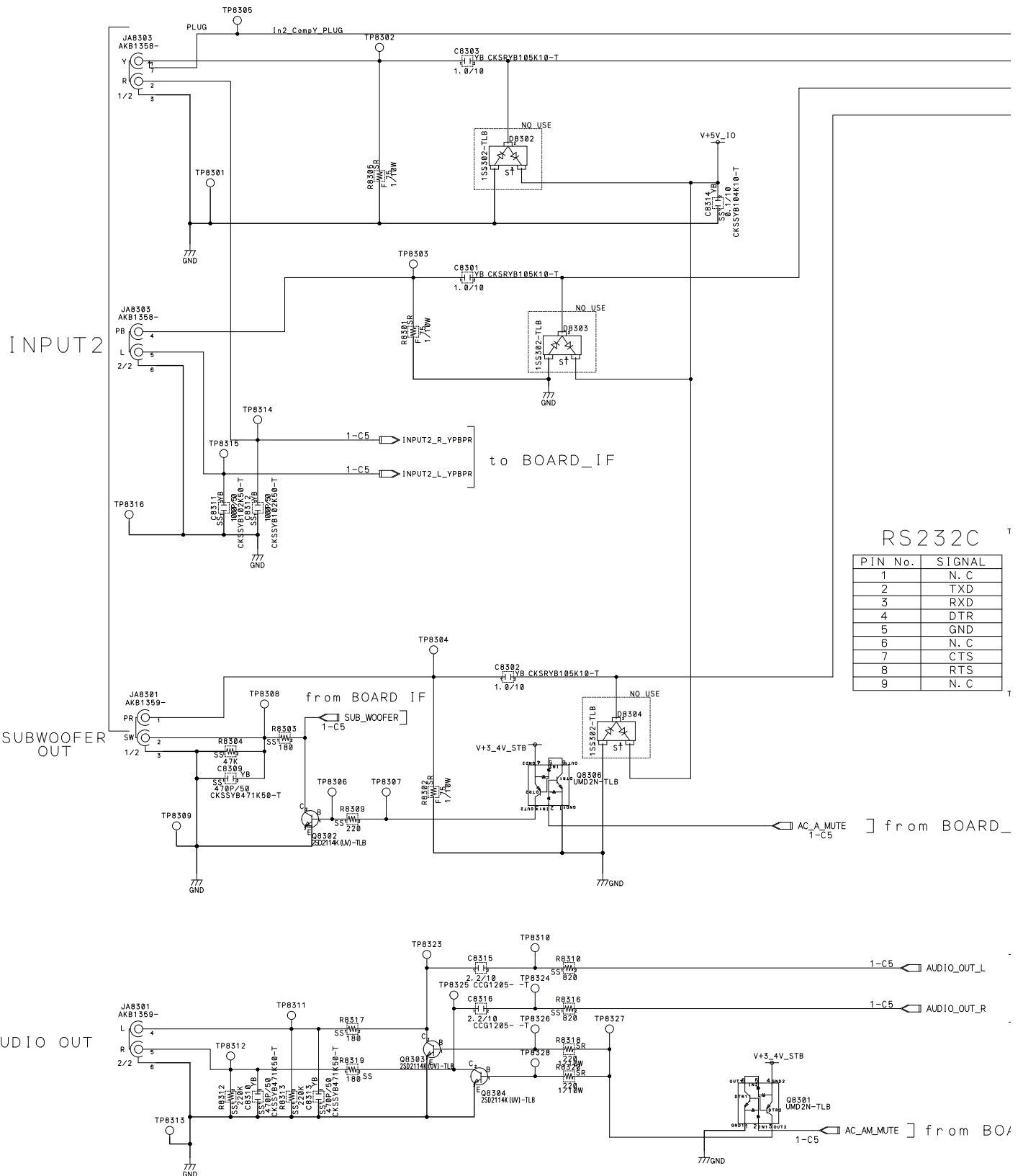
RESISTORS
RS1/8SQ***J-T
RS1/10SR***J-T
RS1/16SS***J-T

CAPACITORS
YB CKSRYB***K**~T
CH CCSSCH***J50~T
YB CKSSYB***K**~T

RESISTORS indicated in Ω , $\pm 5\%$, 1/16W Tolerance
SS otherwise noted, k: k Ω , M: M Ω .
CAPACITORS indicated in Capacity (#F)/Voltage (V)
SS otherwise noted, p: pF
location without voltage is 50V
opt electrolytic capacitor.

EUKUGO ASS'Y (EU) (2/6)
REAR I/O ASS'Y
TO 8 BLOCK
AWV2571-
AWV1341
A02W1441

10.38 REAR IO ASSY (3/3) [IO_1 BLOCK]



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should
regulat

A

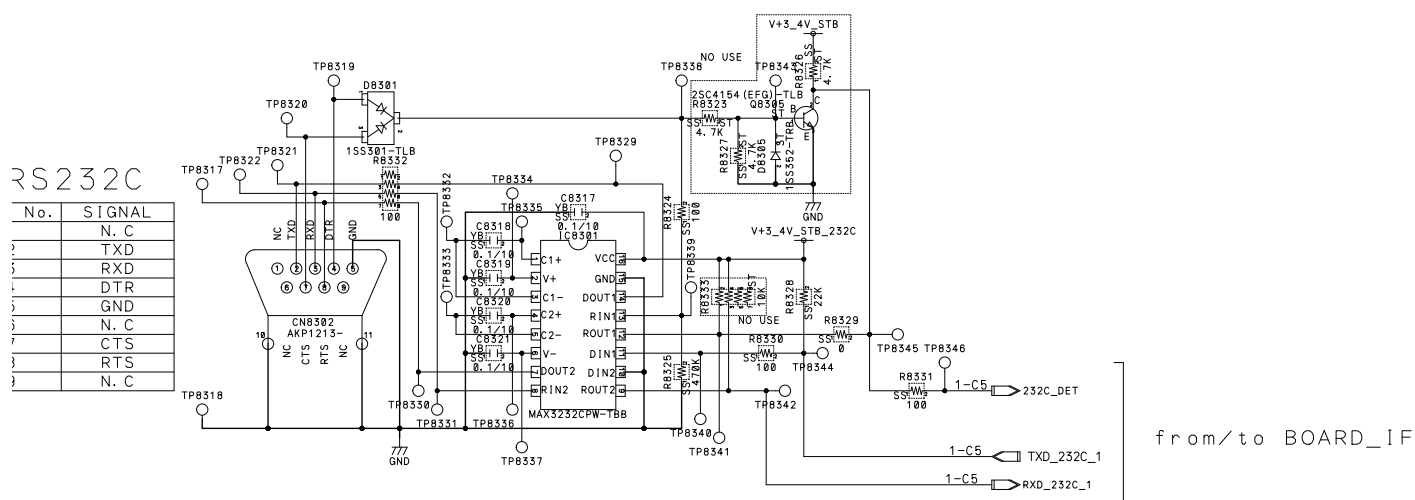
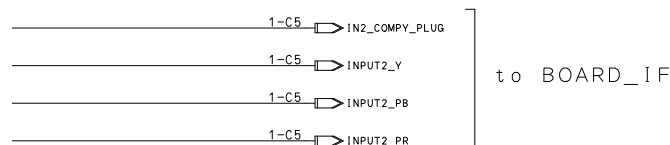
B

C

D

F

F



NOTES

```
from BOARD_IF
```

5 AUDIO_OUT_L

5 AUDIO_OUT_R



to BOARD IF

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      LE ] from BOARD IF

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RESISTORS

 SR RS1/10SR***J-T
 1/10W
 SS RS1/16SS***J-T

CAPACITORS

 YB CKSRYB***K**~T
 YB CKSSYB***K**~T
 SS

```


* RESISTORS in  $\Omega$ ,  $\pm 5\%$ ,  $1/16W$ , Tolerance
u CAPACITORS in  $\mu F$ ,  $\pm 5\%$ ,  $1/16W$ , Tolerance
* Indicated other Capacitor type (P) / Voltage (V)
u Indicated other Capacitor type (P) / Voltage (V)
* Indicated other Capacitor type (P) / Voltage (V)
u Indicated other Capacitor type (P) / Voltage (V)

```

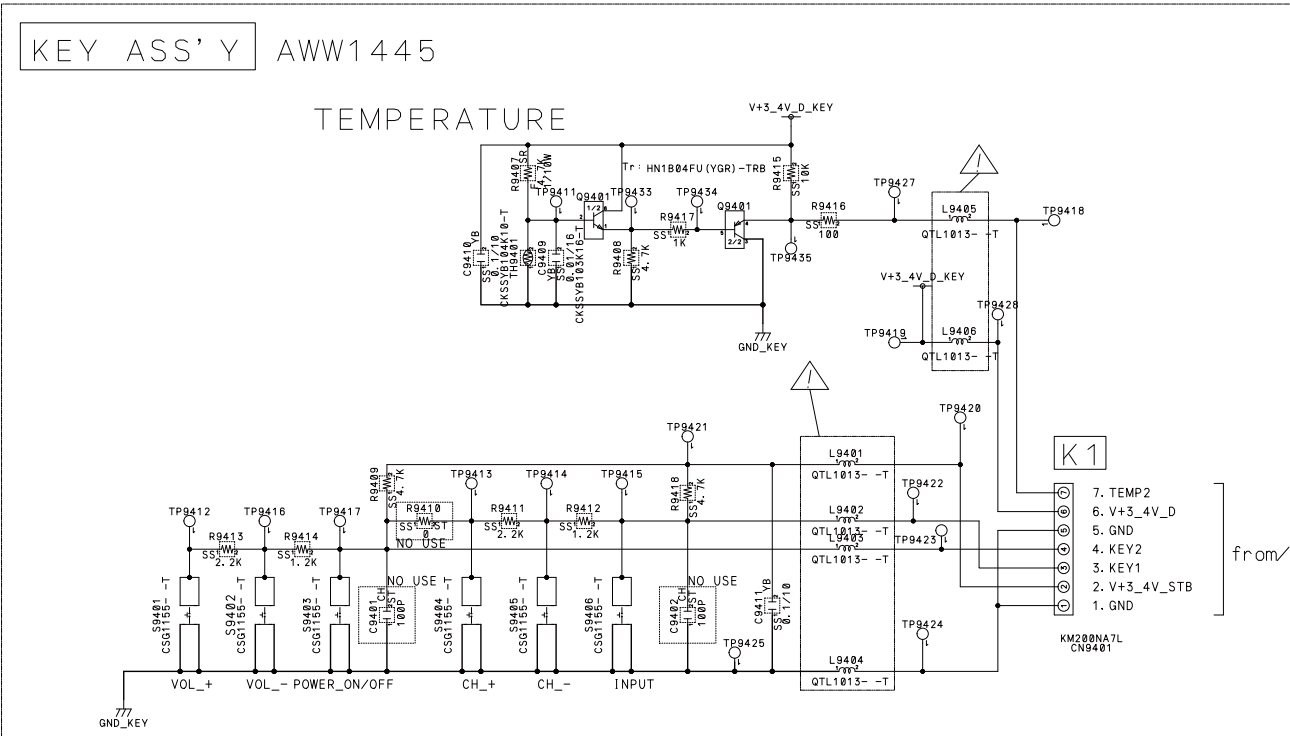
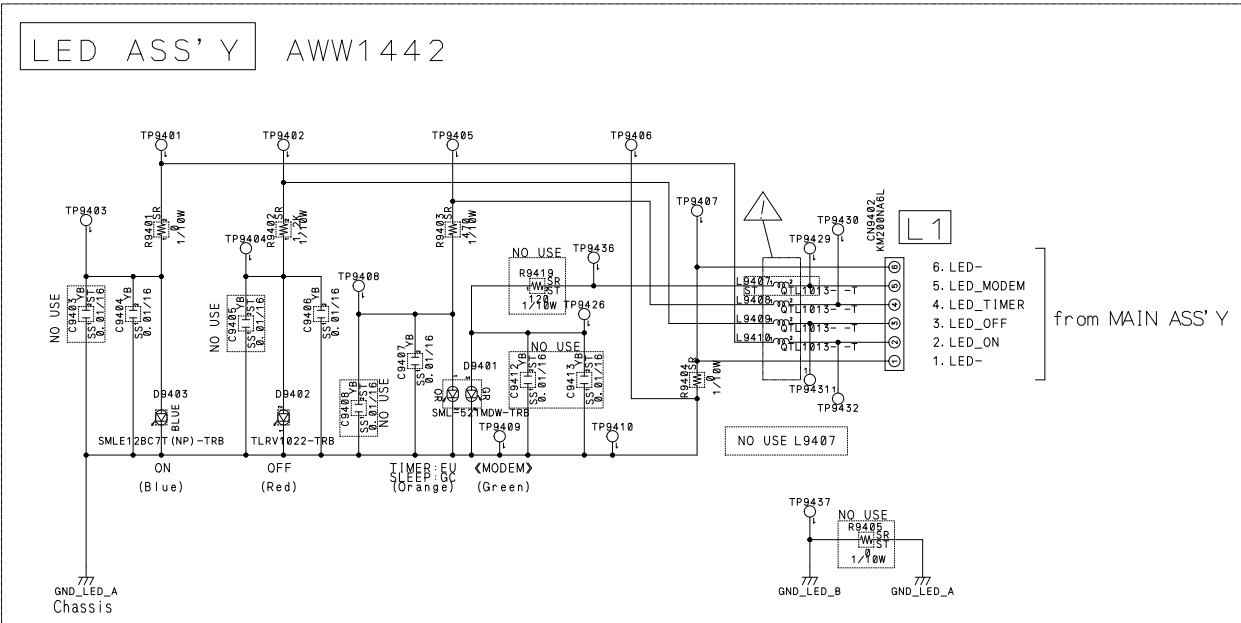
MODEL		USED	VACANT
R	8301-8305 8313, 8316, 8320, 8323-8333	8308, 8310, 8312	8323, 8326, 8327, 8333
C	8301-8303, 8309-8321		
Q	8301-8306		8305
IC	8301		
F			
JA	8301, 8303		
L			
D	8301-8305		8302-8305
CN	8302		

FUKUGO ASS'Y (EU) (3/6)
 REAR TO ASS'Y
 TO_1-BLOCK

AWV2571-
AWV1441
A03W1441

The  mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.

10.39 LED AND KEY ASSYS



MODEL	USED	VACANT
R	9401-9405, 9407-9419	9405, 9410, 9419
C	9401-9413	9405, 9408, 9412, 9413
Q	9401	
IC		
S	9401-9406	
TH	9401	
L	9401-9410	9407
D	9401-9403	
CN	9401, 9402	

RESISTORS	CAPACITORS
SR 1/10W SS	CH CCSRCH***J50-T
RS1/10SR***J-T	VB CKSSYB***K***-T
RS1/16SS***J-T	

* RESISTORS
Indicated in Ω , $\pm 5\%$, 1/16W Tolerance
unless otherwise noted, k: k Ω , M: M Ω .
* CAPACITORS
Indicated in Capacity (pF) / Voltage (V)
unless otherwise noted, p: pF
Indication without voltage is 50V
except electrolytic capacitor.

The Δ mark
should be re-
regulation a



A



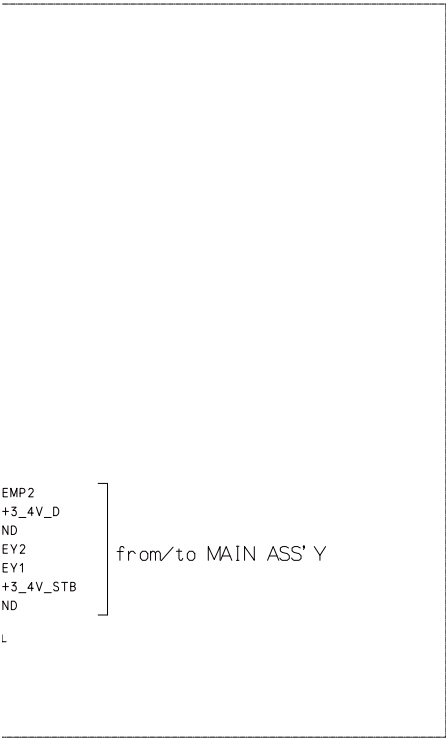
B




C



D



E

The  mark found on some component parts should be replaced with same parts(safety regulation authorized) of identical designation.



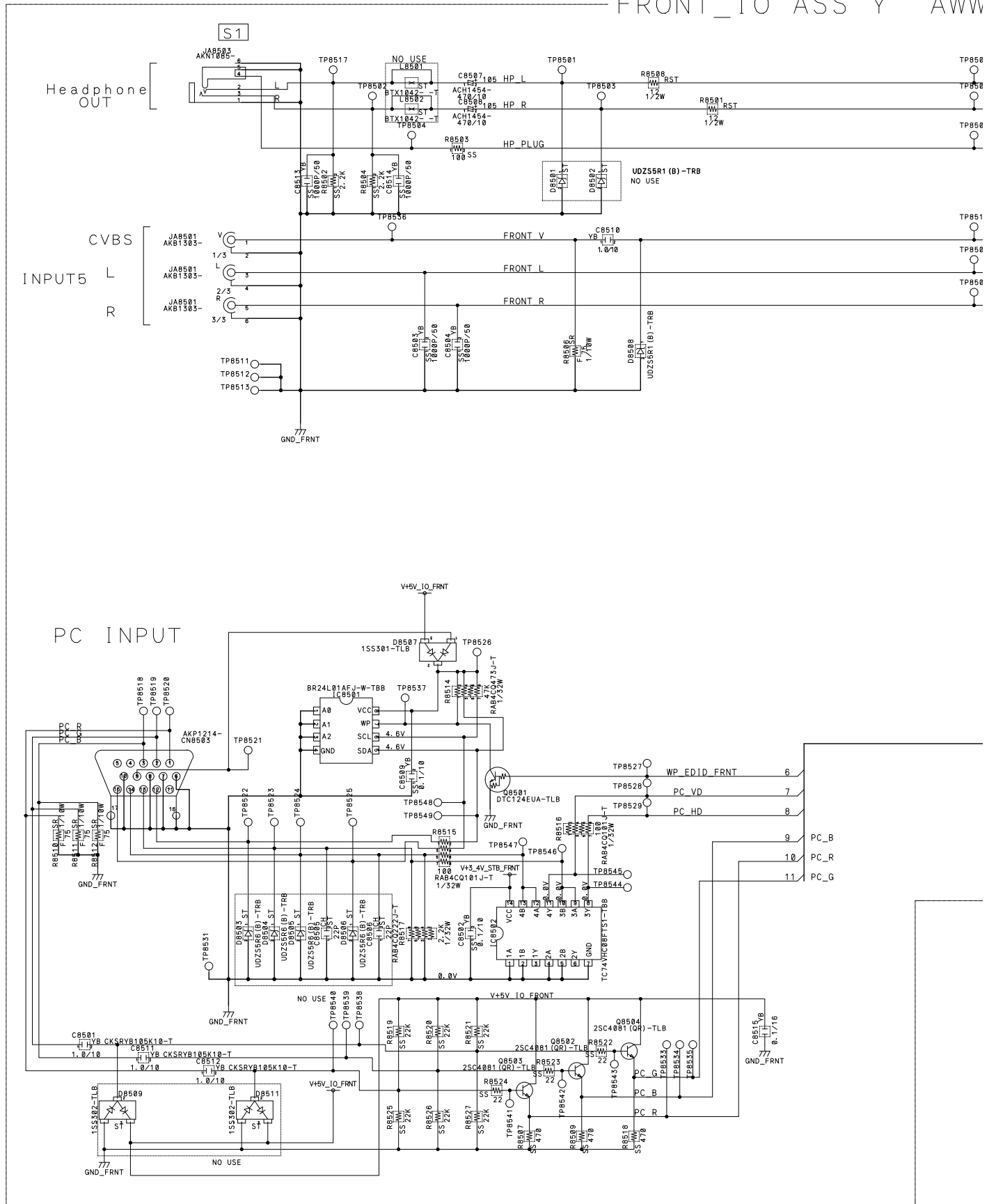
F

FUKUGO ASS'Y (EU/GC) (4/6)
REV ASS'Y
AWV2571-
AWV1442
AWV1446

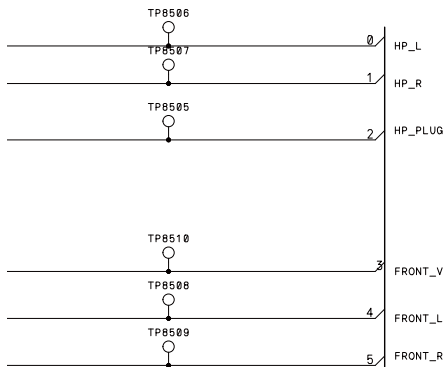


10.40 FRONT IO ASSY

FRONT_IO ASS'Y AWW

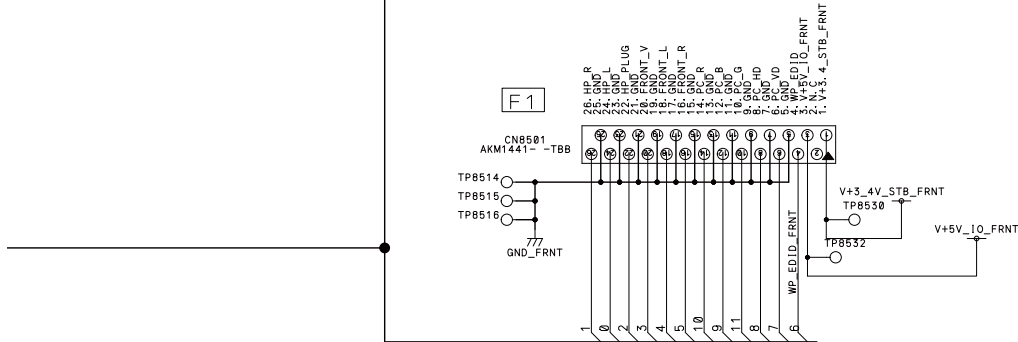


Y AWW1443



FRONT_AV[0:11]

from/to MAIN ASS'Y



MODEL		
ITEM	USED	VACANT
R	8501-8504, 8506-8512, 8514-8527	
C	8501-8515	8505, 8506, 8509
Q	8501-8504	
IC	8501, 8502	
F		
JA	8501, 8503	
L	8501, 8502	8501, 8502
D	8501-8509, 8511	8501-8506, 8509, 8511
CN	8501, 8503	

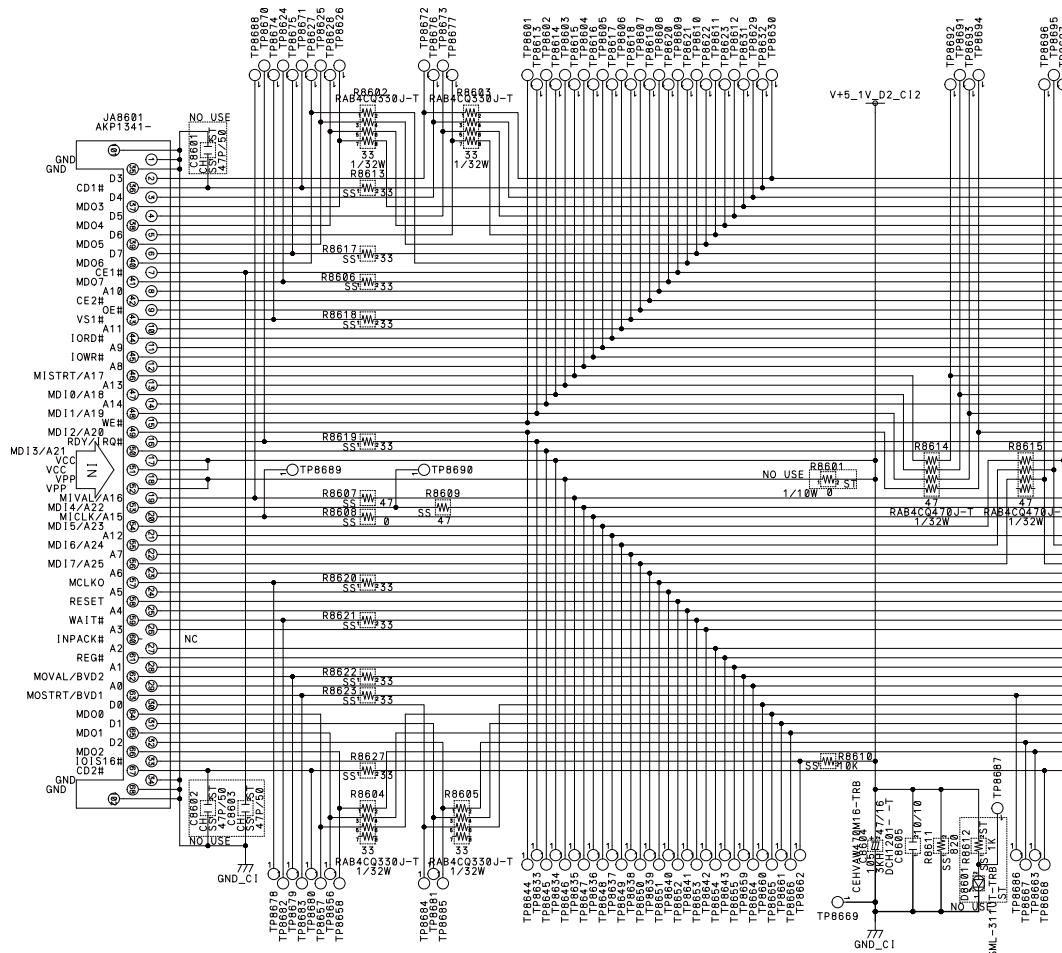
FUKUGO ASS'Y (EU) (5/6)
FRONT_IO ASS'Y

AWV2571-
AWW1443

10.41 CI CARD ASSY

CI CARD ASS'Y AWW1444

COMMON INTERFACE2
(SATELLITE)



NOTES

RESISTORS

RS1/10S***J-T

RS1/16SS***J-T

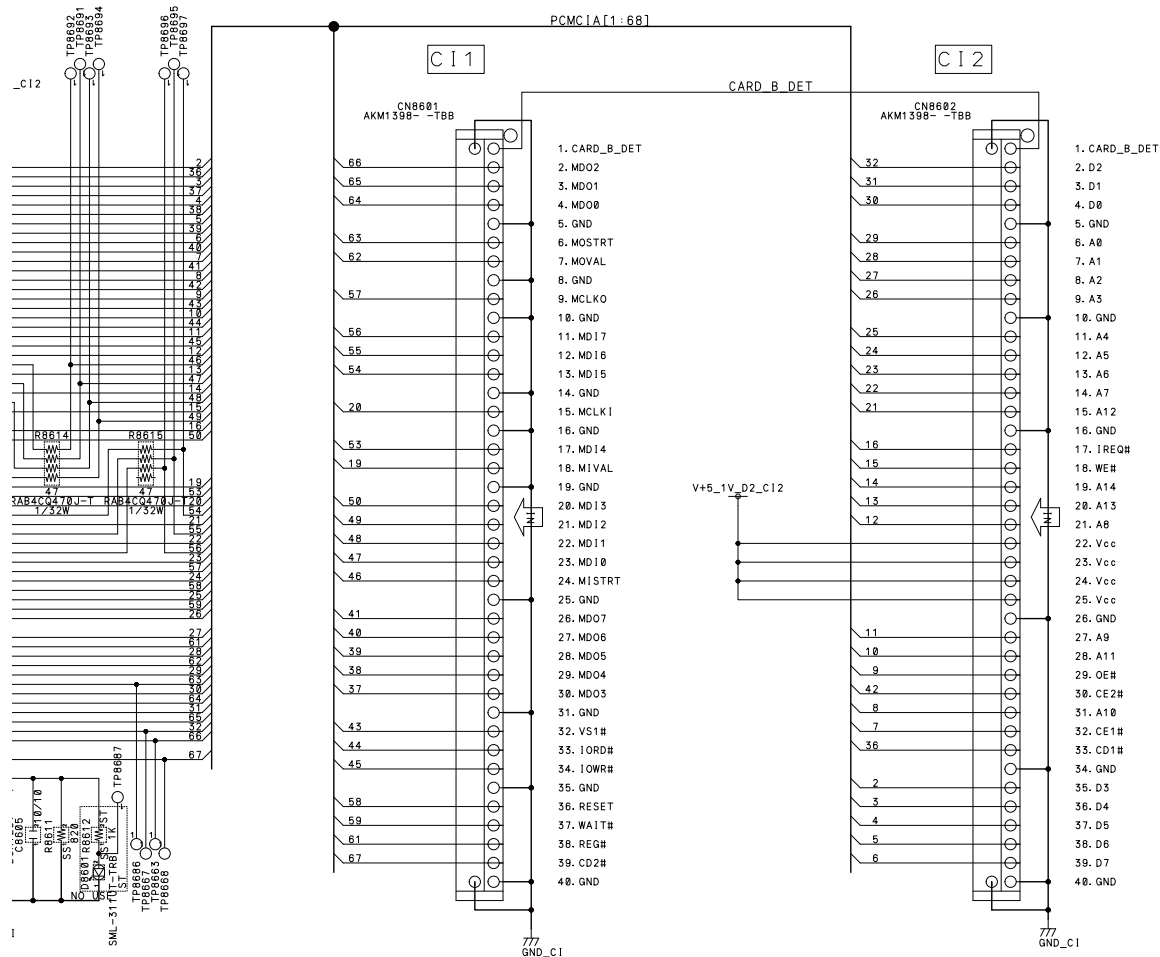
CAPACITORS

CCSSCH***J50-T

* RESISTORS
Indicated in Ω, ±5%, 1/16W Tolerance
unless otherwise noted, k:kΩ, M:MΩ.
* CAPACITORS
Indicated in Capacity (μF) / Voltage (V)
unless otherwise noted, p:pF
Indication without Voltage is 50V
except electrolytic capacitor.

MODEL

ITEM	USED
R	8601-8615, 8617-8623, 8627
Q	8601-8605
IC	
F	
JA	8601
L	
D	8601
CN	8601, 8602



USED	VACANT
8615, 8617-8623, 8627	8601, 8612
8605	8601-8603
	8601
8602	

FUKURO BLOCK (EU) (6/6)

AWW1241-

10.42 VOLTAGES AND WAVEFORMS

[1]VOLTAGES

A

MAIN_BLOCK_Assy

REAR_IO_Assy

M11 CN4002 (AKM1399- -TBB)		Voltage (V)	R1 CN8701 (AKM1399- -TBB)	
NO.	Name		Name	NO.
1	V+5V_IO	5.0	V+5V_IO	50
2	N.C.	0	N.C.	49
3	V+3_4V_STB_232C	3.4	V+3_4V_STB_232C	48
4	N.C.	0	N.C.	47
5	V+3_4V_STB	3.4	V+3_4V_STB	46
6	N.C.	0	N.C.	45
7	TXD_232C_1	3.4	TXD_232C_1	44
8	RXD_232C_1	3.4	RXD_232C_1	43
9	232C_EN_B	0	232C_EN_B	42
10	232C_DET	0/3.4	232C_DET	41
11	GND	0	GND	40
12	AUDIO_OUT_L	5.9	AUDIO_OUT_L	39
13	GND	0	GND	38
14	AC_AM_MUTE	0	AC_AM_MUTE	37
15	GND	0	GND	36
16	AUDIO_OUT_R	5.9	AUDIO_OUT_R	35
17	GND	0	GND	34
18	INPUT2_PR	2.4	INPUT2_PR	33
19	GND	0	GND	32
20	AC_A_MUTE	0	AC_A_MUTE	31
21	GND	0	GND	30
22	SUB_WOOFER	0	SUB_WOOFER	29
23	GND	0	GND	28
24	INPUT2_PB	2.4	INPUT2_PB	27
25	GND	0	GND	26
26	IN2_YPbPr_L	0	INPUT2_YPBPR_L	25
27	GND	0	GND	24
28	INPUT2_Y	2.4	INPUT2_Y	23
29	GND	0	GND	22
30	IN2_COMPY_PLUG	4.9	IN2_COMPY_PLUG	21
31	IN2_YPbPr_R	0	INPUT2_YPBPR_R	20
32	GND	0	GND	19
33	INPUT2_VSY	2.6	INPUT2_VSY	18
34	GND	0	GND	17
35	SCART2_OUT_V	5.1	SCART2_OUT_V	16
36	GND	0	GND	15
37	INPUT2_SC	2.2	INPUT2_SC	14
38	GND	0	GND	13
39	LINK_IO2	4.7	LINK_IO2	12
40	SLOW_SW2	0	SLOW_SW2	11
41	GND	0	GND	10
42	INPUT2_L	0	INPUT2_L	9
43	GND	0	GND	8
44	INPUT2_R	0	INPUT2_R	7
45	GND	0	GND	6
46	SCART_OUT_L	5.9	SCART_OUT_L	5
47	GND	0	GND	4
48	SC2_MUTE	2.9	AC_SC2_MUTE	3
49	GND	0	GND	2
50	SCART_OUT_R	5.9	SCART_OUT_R	1

B

C

D

E

F

MAIN_BLOCK_Assy

FRONT_IO_Assy

M12 CN4003 (AKM1441- -TBB)		Voltage (V)	F1 CN8501 (AKM1441- -TBB)	
NO.	Name		Name	NO.
1	HP_R	2.1	HP_R	26
2	GND	0	GND	25
3	HP_L	2.1	HP_L	24
4	GND	0	GND	23
5	HP_PLUG	0/3.1	HP_PLUG	22
6	GND	0	GND	21
7	FRONT_V	2.5	FRONT_V	20
8	GND	0	GND	19
9	FRONT_L	-0.2 / 0.2	FRONT_L	18
10	GND	0	GND	17
11	FRONT_R	-0.2 / 0.2	FRONT_R	16
12	GND	0	GND	15
13	PC_R	1.8	PC_R	14
14	GND	0	GND	13
15	PC_B	1.8	PC_B	12
16	GND	0	GND	11
17	PC_G	1.8	PC_G	10
18	GND	0	GND	9
19	PC_HD	0/3.4	PC_HD	8
20	GND	0	GND	7
21	PC_VD	0/3.4	PC_VD	6
22	GND	0	GND	5
23	WP_EDID	0	WP_EDID	4
24	V+5V_IO_FRONT	5.0	V+5V_IO_FRONT	3
25	N.C	0	N.C	2
26	V+3_4V_STB_FRONT	3.4	V+3_4V_STB_FRONT	1

MAIN_BLOCK_Assy

CARD_Assy

M21 CN4101 (AKM1398- -TBB)		Voltage (V)	C11 CN8601 (AKM1398- -TBB)	
NO.	Name		Name	NO.
1	CARD_B_DET	0	CARD_B_DET	1
2	MDOB2	0.1	MDO2	2
3	MDOB1	0.1	MDO1	3
4	MDOB0	0.1	MDO0	4
5	GND	0	GND	5
6	MOSTRTB	0.1	MOSTRT	6
7	MOVALB	0.1	MOVAL	7
8	GND	0	GND	8
9	MCLK0B	0.1	MCLK0	9
10	GND	0	GND	10
11	MDIB7	1.6	MDI7	11
12	MDIB6	1.6	MDI6	12
13	MDIB5	1.6	MDI5	13
14	GND	0	GND	14
15	MCLKIB	1.6	MCLKI	15
16	GND	0	GND	16
17	MDIBI4	1.6	MDI4	17
18	MIVALB	1.6	MIVAL	18
19	GND	0	GND	19
20	MDIB3	1.6	MDI3	20
21	MDIB2	1.6	MDI2	21
22	MDIBI1	1.6	MDI1	22
23	MDIBI0	1.6	MDI0	23
24	MISTRBTB	1.6	MISTRT	24
25	GND	0	GND	25
26	MDOB7	0	MDO7	26
27	MDOB6	0	MDO6	27
28	MDOB5	0	MDO5	28
29	MDOB4	0	MDO4	29
30	MDOB3	0	MDO3	30
31	GND	0	GND	31
32	VS1#_B	2.8	VS1#	32
33	IORD#_B	1.6	IORD#	33
34	IOWR#_B	1.6	IOWR#	34
35	GND	0	GND	35
36	RESETB	1.6	RESET	36
37	WAITB#	0	WAIT#	37
38	REG#_B	1.6	REG#	38
39	CD2B#	5.0	CD2#	39
40	GND	0	GND	40

MAIN_BLOCK_Assy

CARD_Assy

M22 CN4102 (AKM1398- -TBB)		Voltage (V)	C12 CN8602 (AKM1398- -TBB)	
NO.	Name		Name	NO.
1	CARD_B_DET	0	CARD_B_DET	1
2	D2	0	D2	2
3	D1	0	D1	3
4	D0	0	D0	4
5	GND	0	GND	5
6	A0	1.6	A0	6
7	A1	1.6	A1	7
8	A2	1.6	A2	8
9	A3	1.6	A3	9
10	GND	0	GND	10
11	A4	1.6	A4	11
12	A5	1.6	A5	12
13	A6	1.6	A6	13
14	A7	1.6	A7	14
15	A12	1.6	A12	15
16	GND	0	GND	16
17	IREQB#	0	IREQ#	17
18	WE#_B	1.6	WE#	18
19	A14	1.6	A14	19
20	A13	1.6	A13	20
21	A8	1.6	A8	21
22	Vcc	0	Vcc	22
23	Vcc	0	Vcc	23
24	Vcc	0	Vcc	24
25	Vcc	0	Vcc	25
26	GND	0	GND	26
27	A9	1.6	A9	27
28	A11	1.6	A11	28
29	OE#_B	1.6	OE#	29
30	CE2B#	1.6	CE2#	30
31	A10	1.6	A10	31
32	CE1B#	1.6	CE1#	32
33	CD1B#	5.0	CD1#	33
34	GND	0	GND	34
35	D3	0	D3	35
36	D4	0	D4	36
37	D5	0	D5	37
38	D6	0	D6	38
39	D7	0	D7	39
40	GND	0	GND	40

A

MAIN_BLOCK_Assy

FRONT_HDMI_Assy

M13 CN4901 (AKM1442- -TBB)		Voltage (V)	H1 CN7302 (AKM1442- -TBB)	
NO.	Name		Name	NO.
1	GND	0	GND	30
2	CLK-	1.6/3.0	CLK-	29
3	CLK+	1.6/3.0	CLK+	28
4	GND	0	GND	27
5	D0-	3.3/3.0	D0-	26
6	D0+	3.3/3.0	D0+	25
7	GND	0	GND	24
8	D1-	1.6/3.0	D1-	23
9	D1+	1.6/3.0	D1+	22
10	GND	0	GND	21
11	D2-	1.6/3.0	D2-	20
12	D2+	1.6/3.0	D2+	19
13	GND	0	GND	18
14	HDMI_CEC_FRNT	3.3	HDMI_CEC_FRNT	17
15	GND	0	GND	16
16	V+3_4V_D4_HDMISW_F	3.3	V+3_4V_D4_HDMISW_F	15
17	V+3_4V_D4_HDMISW_F	3.3	V+3_4V_D4_HDMISW_F	14
18	GND	0	GND	13
19	GND	0	GND	12
20	HDMI_S_FRNT	0/3.3	HDMI_S_FRNT	11
21	DSCL_0	0/5.0	DSCL_0	10
22	DSDA_0	0/5.0	DSDA_0	9
23	WP_EDID	0	WP_EDID	8
24	HOT_P_FRNT	0/3.3	HOT_P_FRNT	7
25	V+DDC5V_FRNT	0/5.0	V+DDC5V_FRNT	6
26	GND	0	GND	5
27	GND	0	GND	4
28	GND	0	GND	3
29	GND	0	GND	2
30	GND	0	GND	1

MAIN_BLOCK_Assy

F-HDMI_Assy(for USB)

M13 CN4004 (AKM1276- -TBB)		Voltage (V)	CN7304 (AKM1291- -TBB)	
NO.	Name		Name	NO.
1	SHIELD	0	SHIELD	1
2	GND	0	GND	2
3	D+	0	D+	3
4	D-	0	D-	4
5	VBUS	5.1	VBUS	5

B

C

D

E

F

MAIN_BLOCK_Assy

KEY_Assy

M2 CN4204 (AKW1343- -TBB)		Voltage (V)	K1 CN9401 (KM200NA7L)	
NO.	Name		Name	NO.
1	OPEN	0		
2	OPEN	0		
3	TEMP2	2.1	TEMP2	7
4	GND	0	GND	5
5	KEY1	3.4	KEY1	3
6	GND	0	GND	1
7	LED-	0		
8	LED_TIMER	3.3/0		
9	LED_ON	2.8/0		
10	OPEN	0		
11	OPEN	0		
12	LED-	0		
13	LED_OFF	3.3/0		
14	LED_MODEM(LED-)	0		
15	OPEN	0		
16	V+3_4V_STB	3.4	V+3_4V_STB	2
17	KEY2	3.4	KEY2	4
18	V+3_4V_D	3.3	V+3_4V_D_KEY	6
19	OPEN	0		
20	OPEN	0		

MAIN_BLOCK_Assy

LED_Assy

M2 CN4204 (AKW1343- -TBB)		Voltage (V)	L1 CN9402 (KM200NA6L)	
NO.	Name		Name	NO.
1	OPEN	0		
2	OPEN	0		
3	TEMP2	2.1		
4	GND	0		
5	KEY1	3.4		
6	GND	0		
7	LED-	0	LED-	6
8	LED_TIMER	3.3/0	LED_TIMER	4
9	LED_ON	2.8/0	LED_ON	2
10	OPEN	0		
11	OPEN	0		
12	LED-	0	LED-	1
13	LED_OFF	3.3/0	LED_OFF	3
14	LED_MODEM(LED-)	0	LED_MODEM	5
15	OPEN	0		
16	V+3_4V_STB	3.4		
17	KEY2	3.4		
18	V+3_4V_D	3.3		
19	OPEN	0		
20	OPEN	0		

MAIN_BLOCK_Assy**FAN**

M31 CN4201 (AKM1276- -TBB)		Voltage (V)		
NO.	Name		Name	NO.
1	N.C.	0		
2	FAN_VCC2	7.0/8.9	VCC	
3	FAN_NEG2	0.1	NG	
4	GND	0	GND	
5	N.C.	0		

MAIN_BLOCK_Assy**POWER_SUPPLY**

M1 CN4203 (AKM1440-)		Voltage (V)	P2 (B26B-PNDZ-1)		Voltage (V)
NO.	Name		Name	NO.	
1	V+17V	19.1	V+5_1V_STB	26	4.9
2	V+5_1V_STB	4.9	V+17V	25	19.1
3	GND	0	GND	24	0
4	GND	0	GND	23	0
5	V+12V	13.0	V+12V	22	13.0
6	V+12V	13.0	V+12V	21	13.0
7	GND	0	GND	20	0
8	GND	0	GND	19	0
9	V+6_5V	6.6	V+6_5V	18	6.6
10	V+6_5V	6.6	V+6_5V	17	6.6
11	V+6_5V	6.6	V+6_5V	16	6.6
12	V+6_5V	6.6	V+6_5V	15	6.6
13	GND	0	GND	14	0
14	GND	0	GND	13	0
15	GND	0	GND	12	0
16	GND	0	GND	11	0
17	V+3_4V_STB	3.4	V+3_4V_STB	10	3.4
18	V+3_4V_STB	3.4	V+3_4V_STB	9	3.4
19	V+3_4V_STB	3.4	V+3_4V_STB	8	3.4
20	V+3_4V_STB	3.4	V+3_4V_STB	7	3.4
21	GND	0	V+3_4V_STB	6	3.4
22	V+3_4V_STB	3.4	GND	5	0
23	PD_TRG	0	GND	4	0
24	GND	0	PD_TRG	3	0
25	AC_DET	3.1	RELAY	2	3.1
26	RELAY	3.2	AC_DET	1	3.2

[2]WAVEFORMS

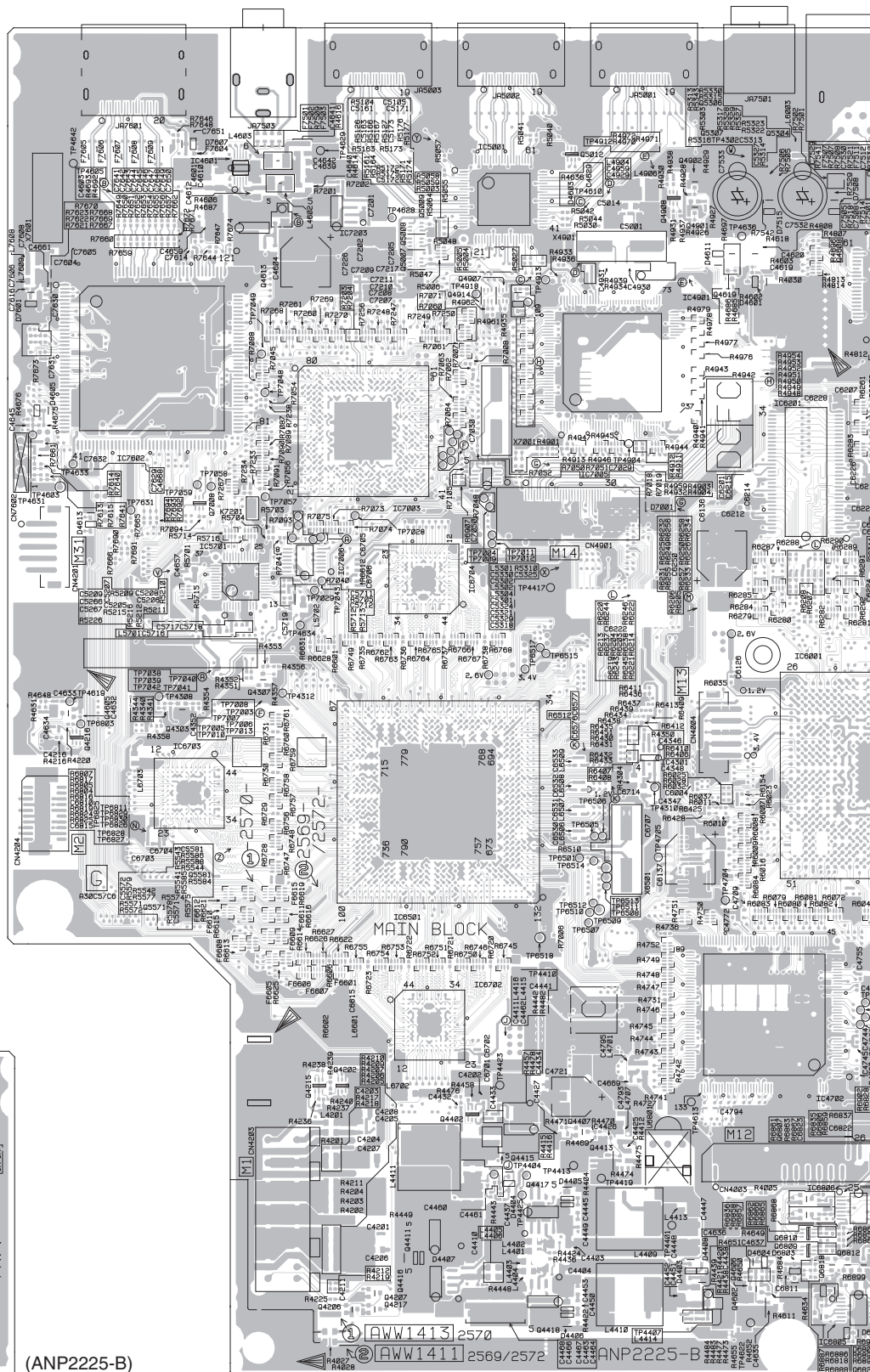
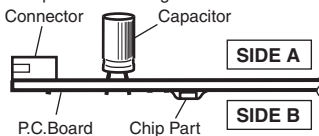
Refer to the section "5.2 DIAGNOSIS FLOWCHART OF FAILURE ANALYSIS" of the Service Manual for KRP-M01 (ARP3508) .

△

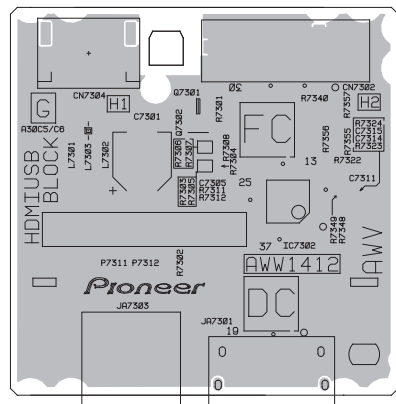
MAIN BLOCK ASSY

1. The parts mounted on this PCB include all necessary parts for several destinations. For further information for respective destinations, be sure to check with the schematic diagram.

Connector Capacitor



FRONT HDM USB ASSY



(ANP2225-B)

SIDE A

A

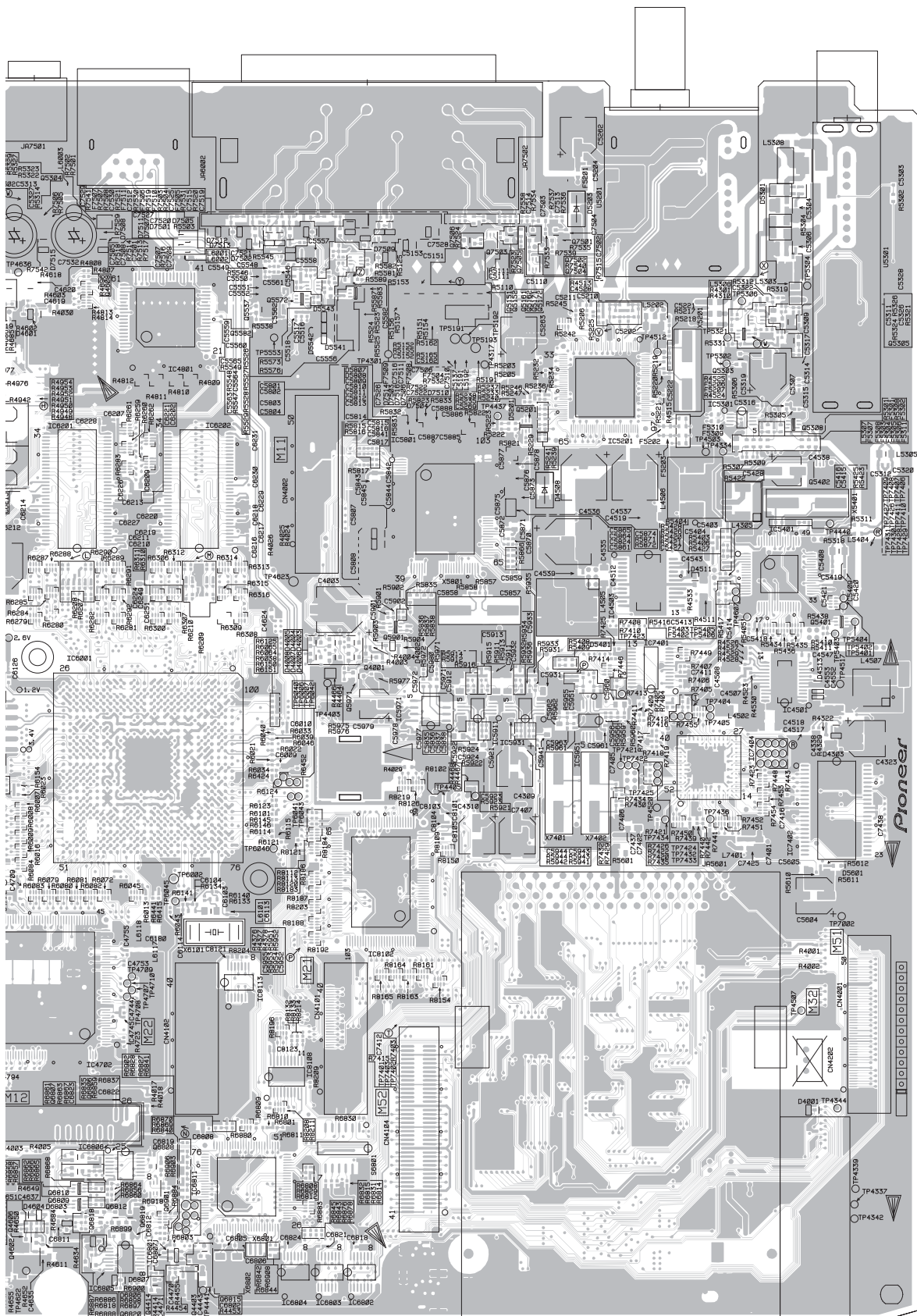
B

C

D

E

F

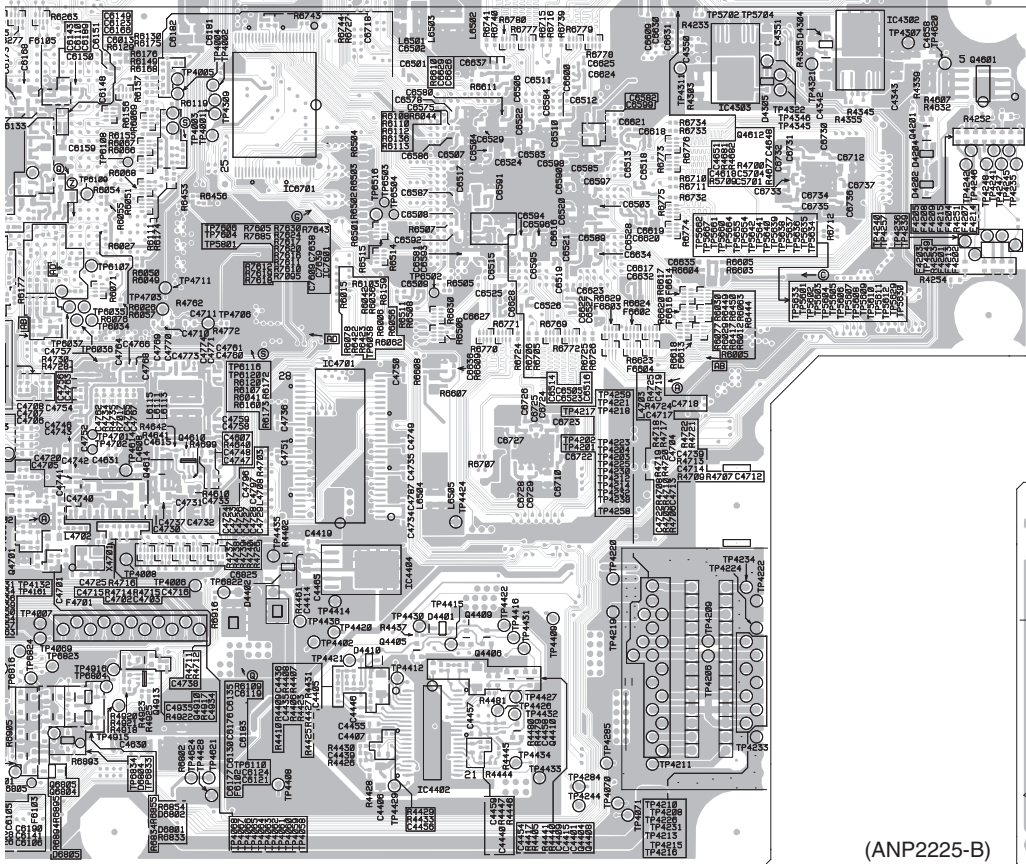
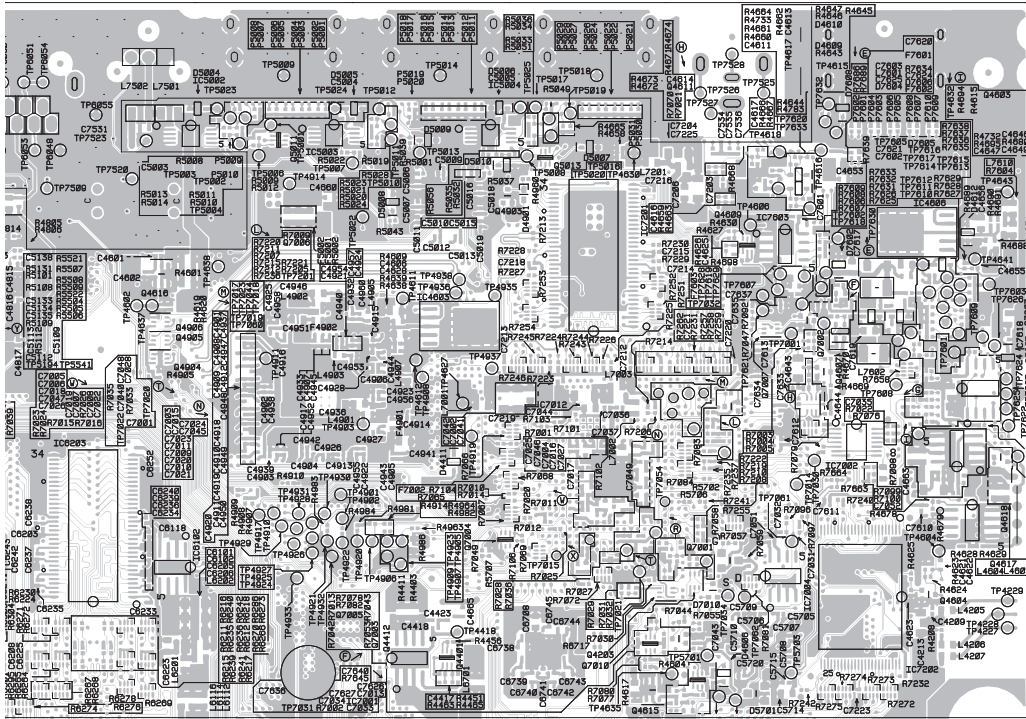


(ANP225-B)

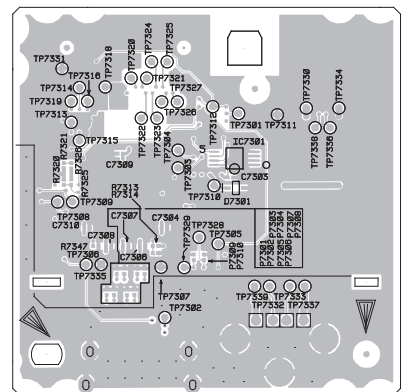
KRP-M01

SIDE B

MAIN BLOCK ASSY



FRONT_HDM_USB ASSY



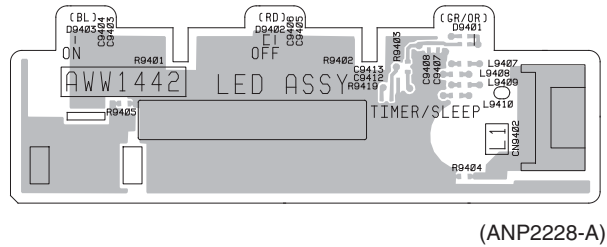
(ANP2225-B)

KRP-M01

11.2 REAR IO, LED, FRONT IO, CI CARD AND KEY ASSYS

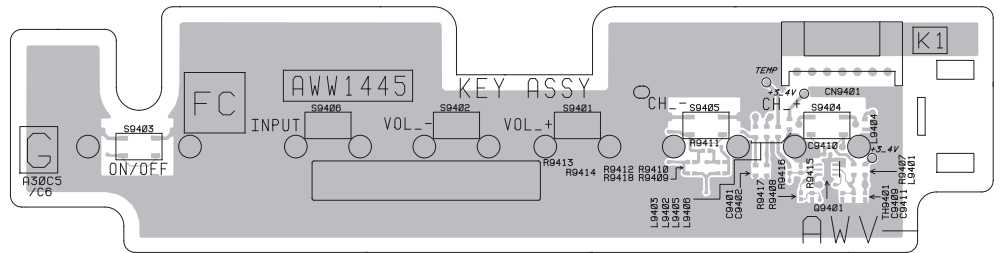
SIDE A

LED ASSY



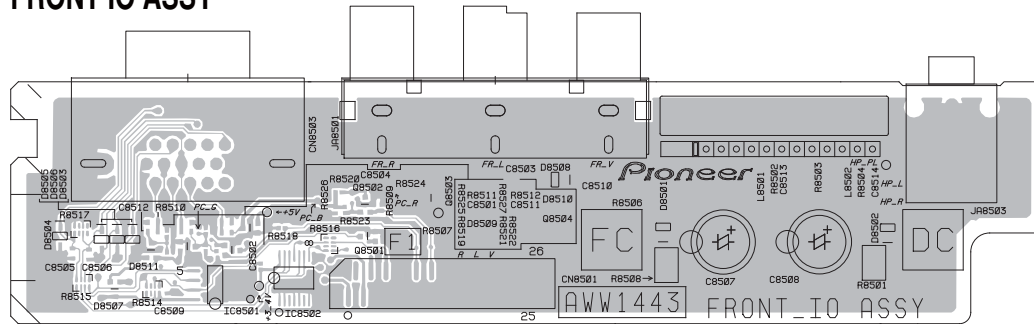
(ANP2228-A)

KEY ASSY



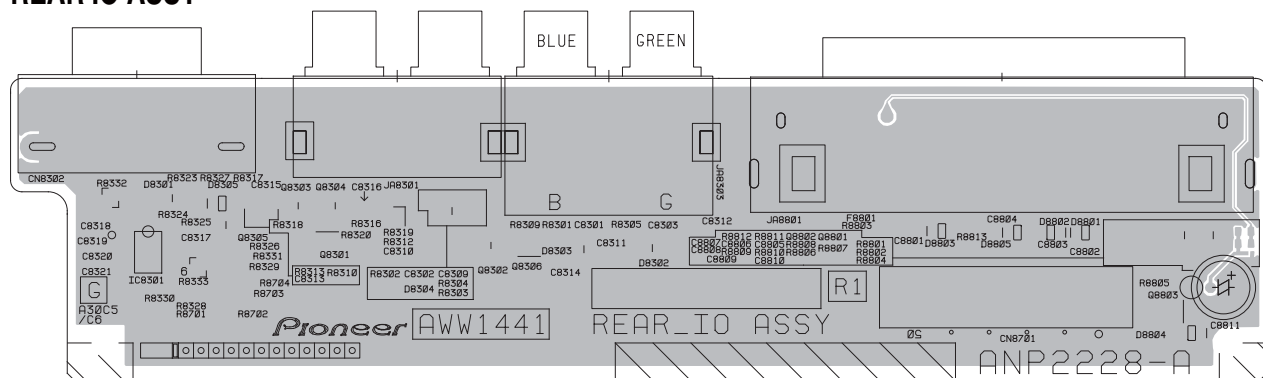
(ANP2228-A)

FRONT IO ASSY



(ANP2228-A)

REAR IO ASSY

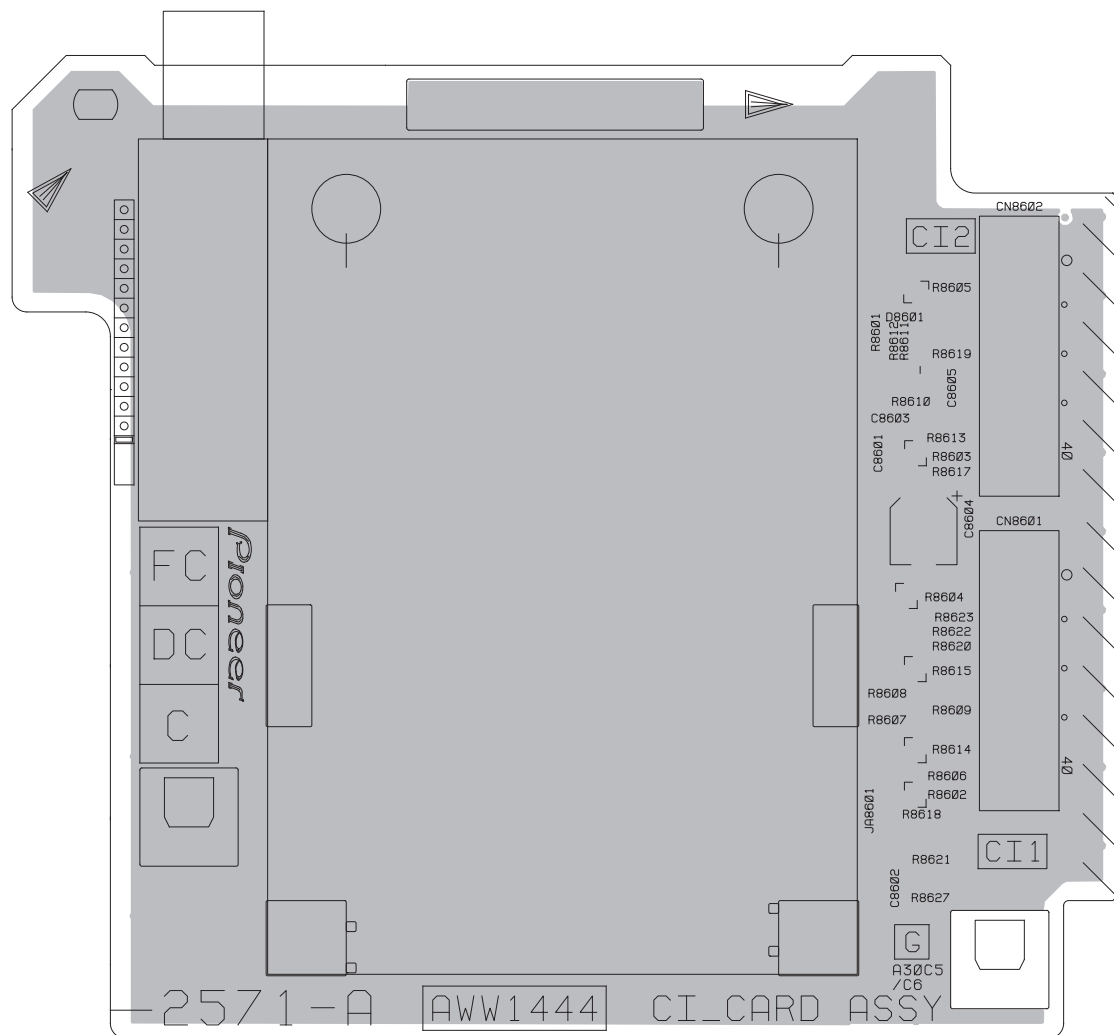


(ANP2228-A)

SIDE A

A

CI CARD ASSY



(ANP2228-A)

B

C

D

E

F



3-A)

SIDE B

A

B

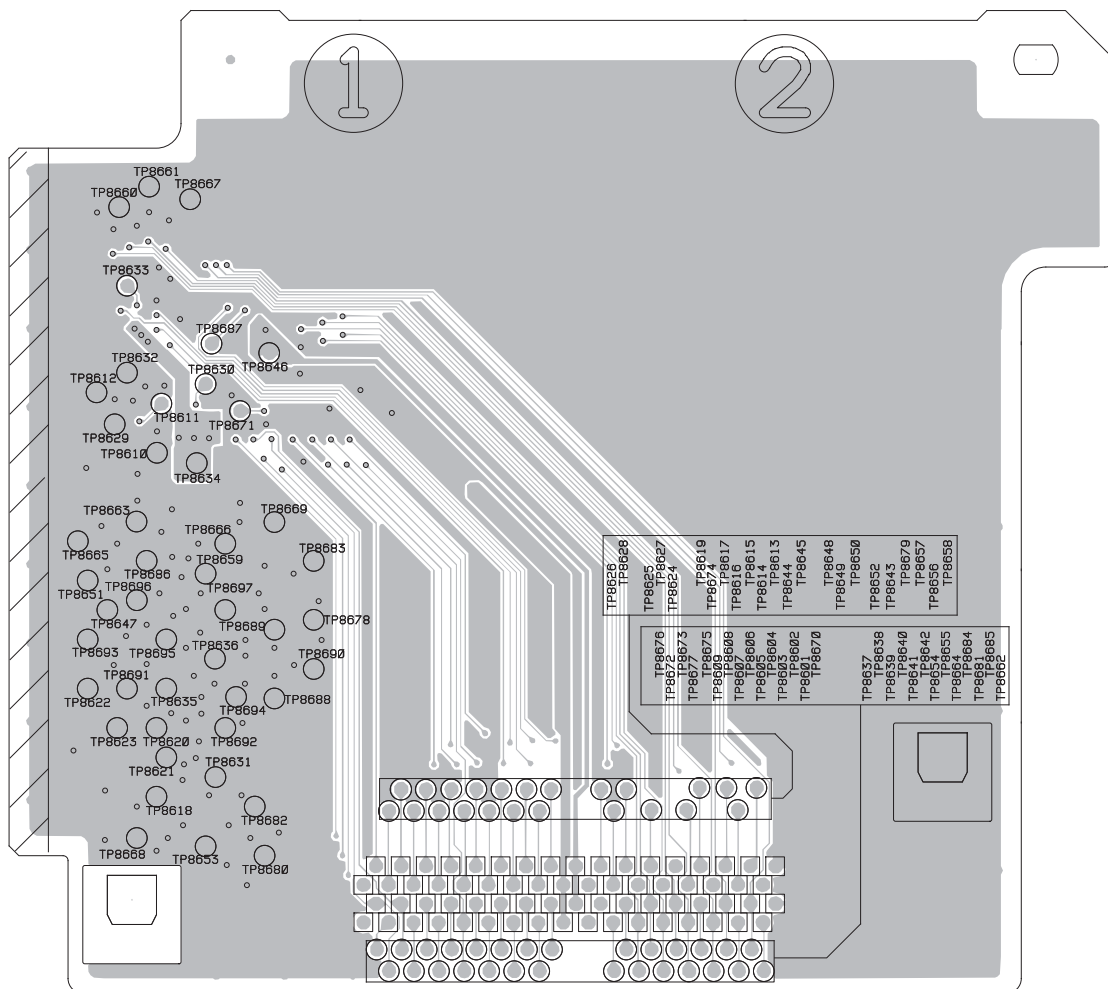
CI CARD ASSY

C

D

E

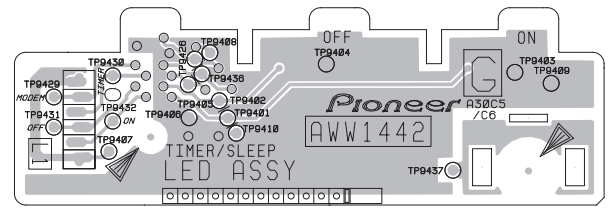
F



SIDE B

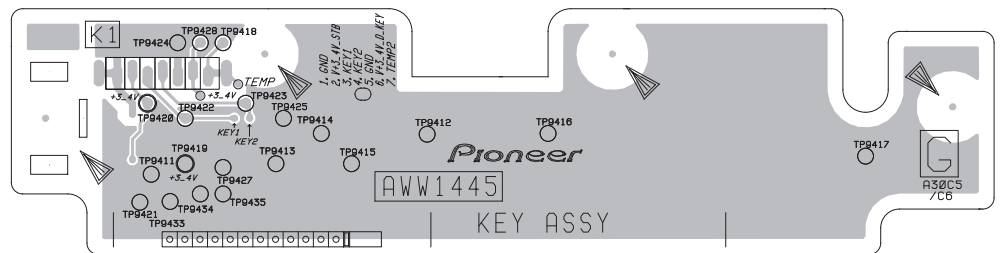
A

LED ASSY



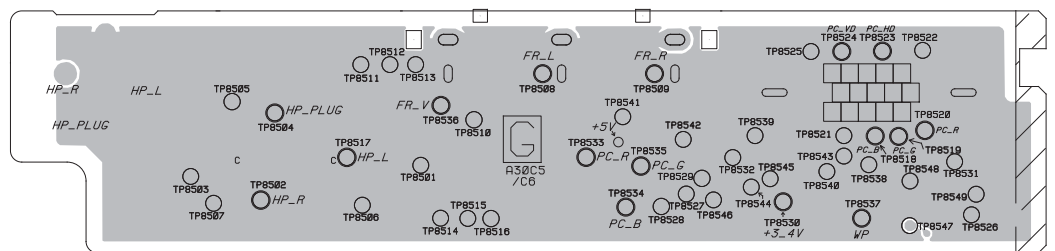
(ANP2228-A)

KEY ASSY



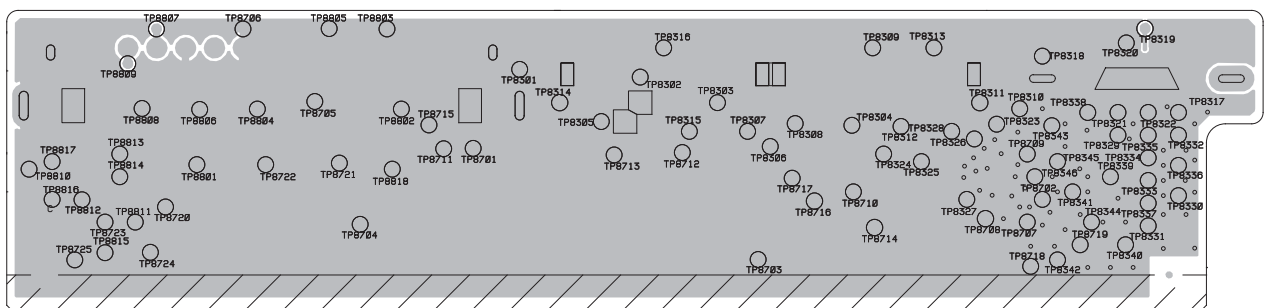
(ANP2228-A)

FRONT IO ASSY




(ANP2228-A)

REAR IO ASSY



(ANP2228-A)

12. PCB PARTS LIST

- NOTES:
- Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.
 - The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - When ordering resistors, first convert resistance values into code form as shown in the following examples.
- Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47 k ohm (tolerance is shown by J = 5%, and K = 10%).
- | | | | | | | | | | | |
|-------|---|----------------------|-------|------|-------|---------|---|---|---|---|
| 560 Ω | → | 56 × 10 ¹ | → | 561 | | RD1/4PU | 5 | 6 | 7 | J |
| 47 kΩ | → | 47 × 10 ³ | → | 473 | | RD1/4PU | 4 | 7 | 3 | J |
| 0.5 Ω | → | R50 | | RN2H | R | 5 | 0 | K | | |
| 1 Ω | → | 1R0 | | RS1P | 7 | R | 0 | K | | |
- Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).
- | | | | | | | | | | | | |
|---------|---|-----------------------|---|------|-------|---------|---|---|---|---|---|
| 5.62 kΩ | → | 562 × 10 ¹ | → | 5621 | | RN1/4PC | 5 | 6 | 2 | 1 | F |
|---------|---|-----------------------|---|------|-------|---------|---|---|---|---|---|
- Meaning of the figures and others in the parentheses in the parts list.
- Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.
IC 301 (A, 91, 111) IC NJM2068V

Mark No.	Description	Part No.
LIST OF ASSEMBLIES		
NSP	1..MAIN ASSY(EU MR)	AWV2570
	2..FRONT_HDM_USB_ASSY(EU MR)	AWW1412
	2..MAIN BLOCK ASSY(EU MR)	AWW1413

NSP	1..FUKUGO ASSY(EU MR)	AWV2571
	2..REAR IO ASSY(EU MR)	AWW1441
	2..LED ASSY(EU MR)	AWW1442
	2..FRONT IO ASSY(EU MR)	AWW1443
	2..CI CARD ASSY(EU MR)	AWW1444
	2..KEY ASSY(EU MR)	AWW1445


	1..POWER SUPPLY UNIT	AXY1223
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Mark No.	Description	Part No.
Unit Name: FRONT_HDM_USB ASSY(EU MR)		

SEMICONDUCTORS

IC	7301	BR24L02FV-W
IC	7302	CXB1443R
Q	7301	RN1902
Q	7302	UMD2N
D	7301	UDZS6R8(B)

MISCELLANEOUS

 L	7301,7302 CHIP BEEDS FILTER	BTX1042
JA	7301 HDMI CONNECTOR	AKP1318
JA	7303 USB CONNECTOR	VKB1248
CN	7302 30P CONNECTOR	AKM1442
CN	7304 CONNECTOR	AKM1291

RESISTORS

R	7322	RS1/16SS4701F
R	7340	RS1/8SQ0R0J
	Other Resistors	RS1/16SS###J

CAPACITORS

C	7301	ACH1421
C	7303-7311	CKSSYB104K10

Unit Name: MAIN BLOCK ASSY(EU MR)		
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SEMICONDUCTORS

NSP IC	6403	AGC1089
NSP IC	6701	AGC1088
NSP IC	6811	AGC1086
NSP IC	7202	AGC1087

MISCELLANEOUS

3001	SCREW	BPZ26P050FTC
3001	HEAT SINK B	ANH1645
3002	THERMAL SHEET B	AEB1417

RESISTORS

All Resistors	RS1/8SQ###J
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MISCELLANEOUS

 U	5201 FE	AXF1195
 U	5301 FE	AXF1191

Mark No.	Description	Part No.
Block Name: BOARD_IF_0 BLOCK(EH)		
<u>SEMICONDUCTORS</u>		
Q 4001		2SA1576A
D 4001,4002		1SS352
D 4003-4008		1SS301
<u>MISCELLANEOUS</u>		
CN 4001,4002 50P CONNECTER		AKM1399
CN 4003 FFC CONNECTOR 26P		AKM1441
CN 4004 CONNECTOR		AKM1276
<u>RESISTORS</u>		
R 4009-4011,4014,4015		RAB4CQ220J
R 4013,4016		RAB4CQ101J
R 4020,4022,4023		RAB4CQ220J
R 4021		RAB4CQ0R0J
R 4029		RS1/10SR471J
R 4030		RS1/10SR470J
Other Resistors		RS1/16SS###J

CAPACITORS

C 4003 ACH1421

Block Name: BOARD_IF_1 BLOCK(EH)

MISCELLANEOUS

CN 4101,4102 40P CONNECTER	AKM1398
CN 4104 80P CONNECTOR RCPT	BKP1159

RESISTORS

R 4114	RS1/16SS103J
Other Resistors	RS1/8SQ###J

Block Name: BOARD IF 2 BLOCK(EH)

SEMICONDUCTORS

Q 4201,4206,4207,4217	DTC124EUA
Q 4202	RN1902
Q 4203	UMD2N
Q 4215	HN1A01FU
Q 4216	RN2902

D 4202.4204 1SS352

MISCELLANEOUS

L	4201 CHIP BEEDS FILTER	BTX1039
⚠ L	4205-4207 CHIP BEEDS FILTER	BTX1042
F	4201-4205,4207-4209 INDUCTOR	CTF1557
F	4213-4215 INDUCTOR	CTF1557
CN	4201 CONNECTOR	AKM1276

CN 4204 20P CONNECTOR	AKM1343
CN 4203 26P CONNECTOR	AKM1440

RESISTORS

R 4201,4207,4209-4211	RS1/8SQ0R0J
R 4217,4218	RS1/8SQ0R0J
R 4251,4253	RS1/10SR0R0J
R 4252,4254	RS1/10SR102J
Other Resistors	RS1/16SS###J

CAPACITORS

C 4203	CKSSYB102K50
C 4208	DCH1201
C 4211	CKSSYB103K16
C 4216	CKSSYB104K10

Mark No.	Description	Part No.
Block Name: POWER_0 BLOCK(EH)		
<u>SEMICONDUCTORS</u>		
IC 4301		R5523N001B
IC 4302,4309		PQ200WNA1ZPH
IC 4304		MB3842PFV-G-E1
IC 4305,4310		NJM2846DL3-05
IC 4306		BD8903FV
IC 4308		NJM78M12DL1A
IC 4312,4313		AAT4610AIGV-1
Q 4301,4302,4306		DTC124EUA
Q 4303		2SA1576A
Q 4304,4305		DTA143EUA
Q 4308-4310		DTC124EUA
Q 4311		UMD2N
D 4301,4304,4306,4308		1SS352
D 4312		RB521S-40
D 4316		1SS352

MISCELLANEOUS

L 4302	CHIP BEEDS FILTER	BTX1039
L 4305	INDUCTOR	BTH1111
L 4306	CHIP COIL	BTH1126

RESISTORS

R	4301,4304,4305,4308	RS1/8SQ0R0J
R	4310,4322	RS1/10SR0R0J
R	4312,4316,4334,4338	RS1/8SQ0R0J
R	4325	RS1/16SS3901F
R	4326	RS1/16SS1003D

R 4327	RS1/16SS2202F
R 4340	RS1/16SS2201F
R 4343	RS1/16SS4701F
R 4344	RS1/16SS5101F
R 4345	RS1/16SS2701F

R 4346	RS1/16SS1501F
R 4349,4359	RS1/8SQ0R0J
Other Resistors	RS1/16SS###J

CAPACITORS

C	4301,4305,4308,4321	CKSRYB105K10
C	4303	CKSRYB104K25
C	4304	CKSSYB682K25
C	4306,4331	BCG1064
C	4309,4310	CEHVAW330M25

C 4311	ACG1147
C 4313,4327,4345	DCH1201
C 4315,4316,4342,4343	DCH1165
C 4322,4324,4325	CKSRYB105K10
C 4323	CEHVAW101M6R3

C 4332,4335,4347,4348	CKSSYB104K10
C 4338	CKSSYB473K16
C 4352	CKSSYB104K10

Block Name: POWER 1 BLOCK(EH)

SEMICONDUCTORS

IC 4401,4403,4406	MM1593DF
IC 4402	BD8606FV
IC 4404	NJM2846DL3-33
Q 4401,4402	RN1902
Q 4403,4413	UPA1917TE
Q 4404-4406,4414	DTC124EUA

Mark No. Description**Part No.****Mark No. Description****Part No.**

Q 4407,4408
Q 4409,4410
Q 4411,4412,4415
Q 4416

2SC4081
DTA124EUA
RSS100N03
RSS090P03

L 4502 CHIP BEEDS FILTER
L 4503 CHIP INDUCTOR(2.2 UH)
L 4505 INDUCTOR
L 4506 INDUCTOR(270 UH)

BTX1039
ATH1244
CTH1254
ATH1242

Q 4417,4418
D 4401,4402,4410
D 4405-4407

SP8M4
1SS352
RB060M-30

L 4507 INDUCTOR

ATH1235

RESISTORS

R 4503,4504,4506
R 4510,4512
R 4511
R 4524,4525
R 4536

RS1/8SQ0R0J
RS1/4SA101J
RS1/4SA150J
RS1/10SR0R0J
RS1/16SS1003D

R 4537,4539
Other Resistors

RS1/16SS3302D
RS1/16SS###J

CAPACITORS

C 4502,4506,4515,4530
C 4504
C 4507,4517
C 4527,4528
C 4529

CCSSCH101J50
CKSSYB104K10
DCH1165
CKSSYB103K25
CKSSYB223K16

C 4535-4537
C 4538
C 4539-4541,4546
C 4542,4543
C 4544,4545

ACH1495
CEHVAW100M35
CKSRYB104K50
CKSRYB104K25
CKSRYB224K16

C 4547
C 4548,4549
C 4552,4553

CKSRYB682K50
CKSRYB104K16
BCG1059

Block Name: POWER_3 BLOCK(EH)**SEMICONDUCTORS**

IC 4601
IC 4602-4604,4606
Q 4601,4603,4618
Q 4602
Q 4604,4606,4617

LTC3407EMSE-2
NJM2846DL3-18
RSS090P03
UPA1917TE
2SC4081

Q 4605,4608
Q 4609,4610,4612
Q 4613
Q 4614,4615
Q 4616

DTC124EUA
RN1902
RSS100N03
RTQ045N03
RTQ040P02

D 4603,4607,4608,4612
D 4609,4610

1SS352
RB551V-30

MISCELLANEOUS

L 4601 CHIP BEEDS FILTER
L 4602,4603 CHIP INDUCTOR(2.2 UH)
L 4604,4605 CHIP BEEDS FILTER

BTX1039
ATH1244
BTX1042

RESISTORS

R 4601,4606-4617,4632
R 4659
R 4663
R 4666
R 4667

RS1/8SQ0R0J
RS1/16SS1503D
RS1/16SS1003D
RS1/16SS2003D
RS1/16SS6202D

R 4687,4688,4694
Other Resistors

RS1/8SQ0R0J
RS1/16SS###J

CAPACITORS

C 4602,4621,4623,4634
C 4604,4608

CKSSYB104K10
CKSRYB104K16

MISCELLANEOUS

L 4401-4406 CHIP BEEDS FILTER
L 4409-4411 INDUCTOR(2.8 UH)
L 4413-4416 CHIP BEEDS FILTER

BTX1039
ATH1243
BTX1039

RESISTORS

R 4401-4403,4411-4413
R 4406,4438
R 4407,4425-4427,4441
R 4415,4416,4488
R 4421

RS1/8SQ0R0J
RS1/16SS1203D
RS1/16SS3302D
RS1/8SQ0R0J
RS1/16SS5602D

R 4429
R 4440
R 4442
R 4444,4445
Other Resistors

RS1/16SS2702D
RS1/16SS1002D
RS1/16SS3902D
RS1/16SS3302D
RS1/16SS###J

CAPACITORS

C 4401,4415,4458
C 4402,4413,4414,4421
C 4403-4406,4409,4410
C 4407,4455,4457
C 4411

CKSRYB104K16
DCH1201
DCH1165
CKSRYB682K50
CCG1232

C 4417,4423,4426,4434
C 4420,4424,4444
C 4422,4429,4430
C 4427,4465
C 4432,4437

CKSSYB104K10
CKSSYB471K50
DCH1201
CKSRYB105K10
CCSSCH101J50

C 4435
C 4436,4439
C 4438
C 4440
C 4441

CCSSCH470J50
CKSSYB152K50
CCSSCH330J50
CKSSYB682K25
CKSSYB221K50

C 4447,4448,4451,4452
C 4454
C 4462-4464,4466-4468
C 4470

BCG1059
CKSRYB334K10
BCG1059
CKSSYB104K10

Block Name: POWER_2 BLOCK(EH)**SEMICONDUCTORS**

IC 4501
IC 4503
Q 4502
Q 4504
Q 4507

BD8624EFV
LNBH23PP/1B
DTC124EUA
RN1902
RTQ045N03

Q 4509
Q 4510
D 4501
D 4508
D 4509

DTA124EUA
2SC4081
1SS352
D1FM3
TDZ5R1

D 4510,4511
D 4513

RB520S-30
RB060M-30

MISCELLANEOUS

L 4501 CHIP BEEDS FILTER

BTX1042

5		6		7		8	
Mark	No. Description	Part No.	Mark	No. Description	Part No.		
C	4605,4606,4609,4654	CKSRYB105K10	C	4806,4808,4810	CKSSYB473K16		
C	4610,4612	BCG1059	C	4811-4817	CKSSYB104K10		
C	4615	CKSSYB102K50					
C	4616,4617	CCSSCH470J50	C	4818-4820	DCH1201	A	
C	4618	CKSSYB103K16	Block Name: HDMI_RX BLOCK(EH)				
C	4626,4628,4638,4640	DCH1201	SEMICONDUCTORS				
C	4636,4649,4651	CKSSYB104K10	IC	4901	SI19135ACTU		
C	4641,4656	DCH1201	Q	4901,4902	DTC124EUA		
			Q	4903	2SC4081		
C	4645,4648	CCSSCH101J50	Q	4904-4907,4914	UMD2N		
			Q	4908	RN1902		
Block Name: VDEC BLOCK(EH)							
SEMICONDUCTORS			Q	4910	2SA1576A		
IC	4701	HY57V641620FTP-6	Q	4913	HN1C01FU	B	
IC	4702	CM0048BF	D	4901	RB520S-30		
Q	4701,4702	2SA1576A	MISCELLANEOUS				
MISCELLANEOUS			L	4901-4905 CHIP SOLID INDUCTOR	QTL1013		
L	4701,4707 CHIP BEEDS FILTER	BTX1042	L	4906,4907 CHIP BEEDS FILTER	BTX1042		
L	4702,4703 COIL	LCYC6R8K2125	F	4901,4902 CHIP FERRITE BEADS	ATF1211		
L	4708 CHIP BEEDS FILTER	BTX1042	⚠ X	4901 CRYSTAL(28.322 MHz)	ASS1226		
⚠ F	4701 INDUCTOR	CTF1557	CN	4901 30P CONNECTOR	AKM1442		
⚠ X	4701 CRYSTAL(28.63636 MHz)	ASS1214	RESISTORS				
RESISTORS			R	4940-4943,4976-4979	ACN1275		
R	4703,4727	RS1/8SQ0R0J	R	4944	RAB4CQ100J		
R	4710,4720	RS1/16SS1500F	R	4945-4954	RAB4CQ680J	C	
R	4711,4721	RS1/16SS2201F	R	4986	RS1/8SQ0R0J		
R	4712,4722	RS1/16SS1101F	Other Resistors		RS1/16SS###J		
R	4713,4715,4723	RS1/16SS2701F	CAPACITORS				
			C	4901-4928,4932,4933	CKSSYB102K50		
R	4714	RS1/16SS1001F	C	4929	CKSSYB103K16		
R	4726,4737-4745	RAB4CQ470J	C	4930,4931	CCSSCH9R0D50		
R	4746-4752	RAB4CQ101J	C	4934,4937-4940	CKSSYB104K10		
Other Resistors		RS1/16SS###J	C	4936,4941,4946,4951	DCH1201		
CAPACITORS			C	4942-4945,4947-4950	CKSSYB104K10		
C	4701,4704-4711	CKSRYB105K10	C	4952-4960	CKSSYB104K10	D	
C	4702,4703	CCSRCH300J50	Block Name: HDMI_SW BLOCK(EH)				
C	4712,4718,4720	CKSSYB103K16	SEMICONDUCTORS				
C	4713,4717	CCSSCH330J50	IC	5001	CXB1444R		
C	4714,4719	CCSSCH680J50	IC	5002-5004	BR24L02FV-W		
			Q	5007-5009	UMD2N		
C	4715,4716	CKSSYB102K50	Q	5011-5013	RN1902		
C	4721	CEHVAW101M6R3	D	5004-5006	UDZS6R8(B)		
C	4722-4736,4738-4774	CKSSYB104K10	MISCELLANEOUS				
C	4737,4793-4797	DCH1201	F	5001,5002 CHIP SOLID INDUCTOR	DTL1041		
C	4787	CKSSYB104K10	JA	5001-5003 HDMI CONNECTOR	AKP1318	E	
Block Name: ADCC BLOCK(EH)			RESISTORS				
SEMICONDUCTORS			R	5006	RAB4CQ0R0J		
IC	4801	AD9985KSTZ-110	R	5058	RS1/16SS4701F		
MISCELLANEOUS			Other Resistors		RS1/16SS###J		
L	4801,4802 CHIP BEEDS FILTER	BTX1042	CAPACITORS				
RESISTORS			C	5001	BCG1059		
R	4804	RS1/16SS2701F	C	5003-5007,5009-5013	CKSSYB104K10		
R	4805-4808	RS1/16SS470J	C	5014	DCH1201		
R	4809-4814	RAB4CQ680J	C	5015,5016,5018,5019	CKSSYB104K10		
R	4815	RAB4CQ103J	Block Name: AV_SW BLOCK(EH)				
Other Resistors		RS1/8SQ###J	SEMICONDUCTORS				
CAPACITORS			IC	5101	R2S11006FT	F	
C	4801	CKSSYB823K10					
C	4802	CKSSYB822K16					
C	4803-4805,4807,4809	CKSSYB104K10					

Mark No. Description

Q 5151,5152,5161,5162
Q 5171,5172

Part No.

2SA1576A
2SA1576A

Mark No. Description**CAPACITORS**

C 5801-5804,5807-5814
C 5815,5817,5841
C 5818,5842,5844,5846
C 5824,5861,5864,5865
C 5835-5838

Part No.

CKSRYB105K10
CKSSYB473K16
CKSSYB103K16
CCSSCH560J50
CCG1205

MISCELLANEOUS

L 5191-5193 CHIP BEEDS FILTER

BTX1042

RESISTORS

R 5151,5154,5161,5164
R 5171,5174
R 5191
Other Resistors

RS1/10SR510J
RS1/10SR510J
RS1/8SQ0R0J
RS1/16SS###J

C 5843,5845,5847,5855
C 5851,5853,5911,5912
C 5852,5854,5856,5859
C 5857,5858
C 5860,5862,5871,5873

DCH1201
DCH1165
CKSSYB103K16
CCSSCH9R0D50
DCH1201

CAPACITORS

C 5105,5131,5152,5153
C 5109-5112,5138-5143
C 5132-5136,5151,5161
C 5137
C 5162,5163,5172,5173

DCH1201
CKSRYB105K10
CKSSYB104K10
DCH1165
DCH1201

C 5863,5870,5872,5874
C 5875,5877,5886,5888
C 5876,5878,5885,5887
C 5901,5902,5913
C 5921,5922,5941,5942

CKSSYB103K16
DCH1201
CKSSYB103K16
CKSSYB102K50
DCH1201

C 5171

CKSSYB104K10

C 5923,5924,5943,5944
C 5931,5932
C 5933
C 5951,5952,5955,5956
C 5960,5962,5978

CCSSCH150J50
DCH1165
CKSSYB682K25
CKSSYB472K16
DCH1201

Block Name: RGB_SW BLOCK(EH)**SEMICONDUCTORS**

IC 5501
Q 5537
Q 5571,5581
Q 5572,5582

R2S11001FT
2SA1576A
HN1B04FU
HN1C01FU

C 5961,5963,5977
C 5971,5972,5980
C 5979

CKSSYB104K10
CKSRYB105K10
CEHVAW470M6R3

MISCELLANEOUS

L 5501 CHIP BEEDS FILTER

BTX1042

Block Name: DVB_S_TUNER BLK(EH)**SEMICONDUCTORS**

IC 5201
⚠ D 5202
D 5203

STV-0903
1.5SMC24A
RB060L-40

MISCELLANEOUS

L 5202 CHIP BEEDS FILTER
F 5201 FERRITE CORE
F 5206,5207 FERRITE CORE
⚠ X 5201 CRYSTAL(27 MHz)

BTX1042
VTF1080
VTF1091
ASS1225

RESISTORS

R 5201,5203,5205
R 5204
R 5242
R 5243,5244
Other Resistors

RS1/10SR0R0J
RS1/10SR103J
RAB4CQ103J
RAB4CQ470J
RS1/16SS###J

CAPACITORS

C 5201,5202
C 5203
C 5204,5212-5220
C 5221,5222
C 5225-5261

BCG1059
CKSSYB102K50
CKSSYB103K16
CCSSCH120J50
CKSSYB103K16

C 5262,5263
C 5264,5265,5267-5269

CEHVAW101M6R3
CKSSYB104K10

Block Name: DVB_T_TUNER BLK(EH)**SEMICONDUCTORS**

IC 5301
Q 5303
Q 5304,5305
Q 5306
Q 5307

TC7W66FU
DTC124EUA
2SA1576A
HN1B04FU
HN1C01FU

Q 5308
⚠ D 5301

RN1902
1.5SMC6.8A

Block Name: MSP BLOCK(EH)**SEMICONDUCTORS**

IC 5801
IC 5911,5931,5951
IC 5971
Q 5901
Q 5971

MSP5651M-QK-C3
NJM4565V
BH3544F
HN1A01FU
2SC4081

D 5807,5808

UDZS8R2(B)

MISCELLANEOUS

⚠ X 5801 CRYSTAL(20.25 MHz)

ASS1217

RESISTORS

R 5806
R 5821-5823
R 5993-5995
Other Resistors

RS1/10SR0R0J
RAB4CQ471J
RS1/8SQ0R0J
RS1/16SS###J

5	6	7	8
Mark No. Description Part No. MISCELLANEOUS L 5301,5303,5304 CHIP COIL BTH1121 L 5306-5308 CHIP BEEDS FILTER BTX1042 F 5301-5306 FERRITE CORE VTF1080 F 5307,5308 INDUCTOR CTF1557 F 5309-5313 FERRITE CORE VTF1080 RESISTORS R 5302,5311,5318 RS1/10SR0R0J R 5304 RS1/8SQ0R0J Other Resistors RS1/16SS###J CAPACITORS C 5303,5316 CKSSYB103K16 C 5307,5311,5324,5330 DCH1201 C 5309 CKSSYB104K10 C 5319 CEHVAW101M6R3 C 5322 CKSRYB682K50 C 5329 BCG1064 Block Name: COFDEM BLOCK(EH) SEMICONDUCTORS IC 5401 DRX3975D-QI-B1 Q 5402 UMD2N MISCELLANEOUS L 5401-5403 CHIP BEEDS FILTER BTX1042 L 5404 CHIP COIL LCYAR82J2520 F 5402-5404 FERRITE CORE VTF1091 △ X 5401 CRYSTAL RESONATOR VSS1221 RESISTORS R 5401 RS1/8SQ0R0J R 5434-5436 RAB4CQ470J R 5438 RAB4CQ471J Other Resistors RS1/16SS###J CAPACITORS C 5401,5402 CCSSCH101J50 C 5403 CKSRYB104K16 C 5404,5417,5419,5420 CKSSYB104K10 C 5408 CCSSCJ3R0C50 C 5409 CCSSCH180J50 C 5411,5412 CKSSYB103K16 C 5415,5416 CCSSCH8R0D50 C 5418,5421,5427,5429 CKSSYB102K50 C 5422,5424 CCG1205 C 5423,5425,5426,5428 CKSSYB104K10 C 5430 CKSSYB104K10 Block Name: TS_SELECT BLOCK(EH) SEMICONDUCTORS IC 8001-8003 TC74LCX157FTS1 IC 8051 TC74LCX245FTS1 RESISTORS R 8005,8006 RAB4CQ151J R 8053-8055,8057 RAB4CQ470J R 8056,8058 RAB4CQ103J Other Resistors RS1/16SS###J CAPACITORS C 8001-8003,8051 CKSSYB104K10	Mark No. Description Part No. Block Name: CIMAX BLOCK(EH) SEMICONDUCTORS IC 8101 TC74VHC08FTS1 IC 8102 CIMAXSP2L IC 8103,8104,8113 TC74VHC32FTS1 IC 8105,8106 TC74VHCT245AFTS1 IC 8107,8108 TC74VHCT541AFTS1 IC 8109-8112 TC74VHCT373AFT Q 8101-8106 DTC124EUA MISCELLANEOUS F 8101,8102 FERRITE CORE VTF1091 RESISTORS R 8101-8103 RS1/8SQ0R0J R 8126,8219 RAB4CQ471J R 8145,8152-8157,8160 RAB4CQ470J R 8150,8151 RAB4CQ103J R 8158,8159 RAB4CQ221J R 8161,8163-8165 RAB4CQ470J R 8162,8173,8174,8180 RAB4CQ104J R 8167,8175,8176,8181 RAB4CQ220J R 8169-8172,8177,8179 RAB4CQ470J R 8178,8182,8196,8200 RAB4CQ101J R 8183-8189,8191,8192 RAB4CQ470J R 8193,8197,8198,8201 RAB4CQ220J R 8194,8199,8203,8210 RAB4CQ470J R 8202 RAB4CQ101J R 8211 RAB4CQ470J Other Resistors RS1/16SS###J CAPACITORS C 8101 CKSSYB102K50 C 8102,8103 DCH1201 C 8104-8111,8114-8123 CKSSYB104K10 C 8112,8113 CKSRYB105K10	Block Name: CI_CARD_1 BLOCK(EH) MISCELLANEOUS JA 5601 PC CARD CONNECTOR AKP1341 RESISTORS All Resistors RS1/16SS###J CAPACITORS C 5604 CEHVAW470M16 C 5605 DCH1201	Block Name: VBI_SLICER BLOCK(EH) SEMICONDUCTORS IC 5701 TC90173FG D 5701 HSM107S-E MISCELLANEOUS L 5701,5702 CHIP BEEDS FILTER BTX1042 RESISTORS R 5701 RS1/8SQ0R0J R 5714,5715 RAB4CQ151J R 5716 RAB4CQ0R0J Other Resistors RS1/16SS###J

Mark No. Description**CAPACITORS**

C 5701
C 5704
C 5705-5712,5715-5720
C 5714

Part No.

CKSRYB474K10
CCSSCH680J50
CKSSYB104K10
DCH1201

Block Name: 7404_0 BLOCK(EH)**SEMICONDUCTORS**

IC 6001

BCM7404XKPB11G

MISCELLANEOUS

F 6001 FERRITE CORE
JA 6002 RJ45 CONNECTOR TRNS

VTF1084
VKN2078

RESISTORS

R 6002-6004
R 6007-6009,6016
R 6014
R 6018
R 6019

R 6021,6022,6039,6040
R 6037
R 6045,6066-6069,6072
R 6051,6071
R 6073

RS1/10SR750J
RAB4CQ101J
RS1/16SS1101F
RS1/8SQOR0J
RS1/16SS1001F

RS1/16SS49R9F
RS1/16SS1002F
RAB4CQ470J
RAB4CQ472J
RS1/10SR75R0F

R 6079-6084
Other Resistors

RAB4CQ101J
RS1/16SS###J

CAPACITORS

C 6001
C 6004
C 6008,6015,6016
C 6009-6011,6013,6014

CKSSYB102K50
CCSSCH150J50
DCH1201
CKSSYB104K10

Block Name: 7404_1 BLOCK(EH)**SEMICONDUCTORS**

IC 6102

LP2995M

MISCELLANEOUS

L 6101 INDUCTOR
L 6103 CHIP BEEDS FILTER
L 6111-6118 CHIP BEEDS FILTER
F 6101-6111 FERRITE CORE
⚠ X 6101 CRYSTAL RESONATOR

LCTAW2R2J2520
BTX1042
BTX1042
VTF1084
BSS1134

RESISTORS

R 6133,6134
R 6156,6157
Other Resistors

RS1/10SR3010F
RAB4CQ472J
RS1/16SS###J

CAPACITORS

C 6101,6102,6180-6183
C 6103,6104
C 6105,6106,6109-6112
C 6113,6114
C 6115,6118-6120,6123

BCG1059
CCSSCH120J50
CKSSYB103K16
CCSSCH9R0D50
CKSSYB103K16

C 6116,6117,6188-6190
C 6121,6122,6125,6128
C 6124,6126,6127
C 6129,6134,6135
C 6130-6133

ACG1122
CKSSYB102K50
CKSSYB103K16
CKSSYB102K50
CKSSYB103K16

C 6136,6137
C 6139-6158,6161-6164
C 6159,6160,6165,6168

ACH1421
CKSSYB104K10
DCH1201

Mark No. Description

C 6166,6167,6170-6173
C 6169,6174,6175,6187

C 6176-6179,6184-6186

Part No.

CKSSYB104K10
DCH1201

CKSSYB104K10

Block Name: 7404_DDR BLOCK(EH)**SEMICONDUCTORS**

IC 6201-6204

EDD5116AFTA-5B-E

MISCELLANEOUS

L 6201,6202 CHIP BEEDS FILTER

BTX1042

RESISTORS

R 6259-6262,6283
R 6263,6267-6269
R 6264-6266,6270,6284
R 6271-6282,6286-6290
R 6285,6291-6295,6301

RAB4CQ510J
RAB4CQ220J
RAB4CQ101J
RAB4CQ220J
RAB4CQ101J

R 6296-6300,6302-6309
R 6310,6311,6315,6316
R 6312-6314
Other Resistors

RAB4CQ220J
RAB4CQ101J
RAB4CQ220J
RS1/16SS###J

CAPACITORS

C 6201-6204
C 6205
C 6207,6208,6210-6222
C 6209,6223,6249
C 6224-6248,6250-6253

CKSSYB471K50
BCG1059
CKSSYB104K10
DCH1201
CKSSYB104K10

Block Name: 7404_FLASH BLOCK(EH)**SEMICONDUCTORS**

IC 6401
IC 6402
D 6401

TC74VHC02FTS1
PST3628UR
1SS352

RESISTORS

R 6457-6466
R 6467
R 6471
Other Resistors

RAB4CQ472J
RAB4CQ103J
RS1/10SR0R0J
RS1/16SS###J

CAPACITORS

C 6401
C 6402-6405
C 6406

CKSSYB103K16
CKSSYB104K10
CKSSYB473K16

Block Name: AV_IO BLOCK(EH)**SEMICONDUCTORS**

Q 7501,7502,7505,7506
Q 7503,7504
D 7501-7505,7507
D 7506,7508,7515,7516
D 7509-7513

2SC4081
UMD2N
UDZS5R1(B)
UDZS12(B)
UDZS5R1(B)

MISCELLANEOUS

L 7502 CHIP COIL
F 7501-7503 INDUCTOR
F 7504-7511 CHIP FERRITE BEADS
JA 7501 OPT. LINK OUT 12MB/S
JA 7502 RGB CONNECTOR

BTH1103
CTF1557
ATF1229
VKS1001
AKP1265

JA 7503 MINI JACK(4P)

AKN1073

RESISTORS

R 7501,7503-7505,7507

RS1/10SR151J

5				6				7				8			
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
R	7508		RS1/10SR151J	Block Name: ARIA_DDR BLOCK(EH)											
R	7509		RS1/10SR0R0J	SEMICONDUCTORS											
R	7519-7522,7530-7532		RS1/10SR75R0F	IC	6702-6704		EDD1232ABBH-5C-E	A							
R	7541		RS1/10SR75R0F	MISCELLANEOUS											
Other Resistors			RS1/16SS###J	L	6701-6703	CHIP BEEDS FILTER	BTX1042								
CAPACITORS				RESISTORS											
C	7501-7504		CCG1205	R	6745-6780		RAB4CQ470J								
C	7505-7511,7513,7514		CKSSYB102K50	Other Resistors				RS1/16SS###J							
C	7512		CKSSYB103K16	CAPACITORS											
C	7515		CCSSCH680J50	C	6701-6707		CKSSYB104K10								
C	7516		CKSSYB102K50	C	6708,6710,6712,6714		DCH1201								
C	7519-7522,7526-7529		CKSRYB105K10	C	6718		CKSSYB103K16	B							
C	7525,7530		CCSRCH101J50	C	6722-6745		CKSRYB105K10								
C	7531		CKSRYB105K10	Block Name: IF_UCOM BLOCK(EH)											
C	7532,7533		ACH1454	SEMICONDUCTORS											
C	7534-7536		CKSSYB471K50	IC	6801		PST3628UR								
Block Name: ARIA_0 BLOCK(EH)				IC	6802-6804		TC74VHC126FTS1								
SEMICONDUCTORS				IC	6805		TC74VHC08FTS1								
IC	6501		PD6568A	IC	6806		TC74VHC00FTS1								
MISCELLANEOUS				Q	6801-6803,6812-6814		DTC124EUA								
L	6501-6503	CHIP BEEDS FILTER	BTX1042	Q	6804,6805		2SC4081								
L	6504,6505	CHIP BEEDS FILTER	BTX1039	Q	6806,6807,6817		2SA1576A	C							
L	6506-6509	INDUCTOR	LCYC1R0K1608	Q	6808		DTA124EUA								
△ X	6501	CRYSTAL(27 MHz)	ASS1225	Q	6809,6810		HN1C01FU								
RESISTORS				Q	6816,6819,6820		DTC124EUA								
R	6501-6504		RS1/8SQ0R0J	Q	6901		UMD2N								
R	6506		RAB4CQ220J	D	6801-6805		1SS352								
R	6514,6515		RAB4CQ103J	MISCELLANEOUS											
Other Resistors			RS1/16SS###J	△ X	6801	CERAMIC OSCILLATOR	CSS1616								
CAPACITORS				△ X	6802	CRYSTAL OSCILLATOR	ASS1212								
C	6501,6504-6513,6518		CKSSYB104K10	RESISTORS											
C	6502,6514,6523		DCH1201	R	6802,6806		RS1/8SQ0R0J	D							
C	6503,6515,6516		CKSRYB105K10	R	6880,6885		RAB4CQ103J								
C	6517		CCG1232	R	6883		RAB4CQ473J								
C	6519-6522,6524		CKSRYB105K10	R	6884		RAB4CQ471J								
C	6525-6528		CKSSYB104K10	R	6893,6894,6896		RS1/10SR122J								
C	6529-6533,6578		CKSRYB105K10	R	6895		RS1/10SR220J								
C	6576		CCSSCH100D50	Other Resistors				RS1/16SS###J							
C	6577		CCSSCH120J50	CAPACITORS											
C	6580-6587,6589-6600		CKSRYB105K10	C	6801		CKSSYB102K50								
Block Name: ARIA_1 BLOCK(EH)				C	6802		CKSSYB472K16								
MISCELLANEOUS				C	6803,6804		CKSSYB471K50	E							
L	6601	CHIP BEEDS FILTER	BTX1042	C	6805,6806		CCSSCH8R0D50								
△ F	6601-6616	FERRITE BEADS ARRAY	ATF1228	C	6807,6809,6811		CKSSYB104K10								
RESISTORS				C	6808,6812		DCH1201								
R	6603,6604,6607		RS1/16SS2201F	C	6810		CKSSYB103K16								
R	6609-6611		RS1/16SS2201F	C	6814-6824		CKSSYB104K10								
R	6613-6627,6629		RAB4CQ101J	Block Name: EMMA2 BLOCK(EH)											
R	6628		RAB4CQ121J	SEMICONDUCTORS											
R	6630		RAB4CQ220J	IC	7002		TC74VHC08FTS1								
Other Resistors			RS1/16SS###J	IC	7003		UPD61123F1-100KA3A								
CAPACITORS				IC	7004		BR24L64F-W	F							
C	6615		DCH1201	IC	7005		TC7WHU04FU								
C	6616-6629		CKSSYB104K10	IC	7006		TC74HC4066AFT								
C	6632		CCSSCH221J50												
C	6634		CKSRYB105K10												

Mark No. Description**Part No.**

Q 7001
Q 7002,7003,7006
Q 7005,7008
Q 7007,7010
D 7010

2SJ461A
DTC124EUA
SSM6N17FU
UMD2N
1SS301

MISCELLANEOUS

L 7001-7003 CHIP BEEDS FILTER
F 7001 FERRITE CORE
F 7002 CHIP FERRITE BEADS
⚠ X 7001 CRYSTAL(27 MHz)

BTX1042
VTF1091
ATF1212
ASS1225

RESISTORS

R 7026-7028
R 7029,7036
R 7033
R 7035
R 7045,7067,7070,7073

RS1/16SS2000D
RS1/16SS6200D
RS1/16SS3300D
RS1/16SS2200D
RAB4CQ103J

R 7060-7064,7066,7068
R 7065
R 7069,7071,7083,7084
R 7072
R 7074

RAB4CQ101J
RAB4CQ470J
RAB4CQ101J
RAB4CQ221J
RAB4CQ103J

R 7075
R 7081
R 7087-7091
Other Resistors

RAB4CQ220J
RAB4CQ222J
RAB4CQ101J
RS1/16SS###J

CAPACITORS

C 7001,7003-7011
C 7014
C 7029
C 7030
C 7031,7032

CKSRYB105K10
CKSSYB102K50
CCSSCH100D50
CCSSCH120J50
CCSSCH470J50

C 7035-7040,7043
C 7041,7044,7049
C 7045-7048,7050,7051

CKSSYB104K10
DCH1201
CKSSYB104K10

Block Name: EMMA2_MEM BLOCK(EH)**SEMICONDUCTORS**

IC 7201
IC 7203

EDD5116AFTA-5B-E
LP2995M

MISCELLANEOUS

L 7201 CHIP BEEDS FILTER

BTX1042

RESISTORS

R 7213
R 7243-7246,7257-7259
R 7247-7254,7256
R 7255,7267
R 7260,7261,7268-7270

RS1/16SS1500F
RAB4CQ101J
RAB4CQ220J
RAB4CQ103J
RAB4CQ560J

R 7262,7272-7275
Other Resistors

RAB4CQ101J
RS1/16SS###J

CAPACITORS

C 7201
C 7202-7204
C 7205,7206,7225
C 7207-7221,7223
C 7226

CKSRYB105K10
BCG1059
DCH1201
CKSSYB104K10
ACH1421

Mark No. Description**Part No.****Block Name: DP_TX BLOCK****SEMICONDUCTORS**

IC 7601
IC 7602
IC 7603

S25FL016A0LMF013
GM60028H-CG
GMT2404HR0M

MISCELLANEOUS

L 7601,7602 CHIP INDUCTOR
L 7608-7610 CHIP BEEDS FILTER
F 7601-7603 CHIP FERRITE BEADS
JA 7601 DP CONNECTOR
⚠ X 7601 CRYSTAL(27 MHz)

ATH1254
BTX1042
ATF1211
AKP1340
ASS1225

RESISTORS

R 7604
R 7645
R 7649-7657,7662
R 7658
Other Resistors

RS1/8SQ0R0J
RS1/10SR2490F
RS1/16SS10R0F
RAB4CQ0R0J
RS1/16SS###J

CAPACITORS

C 7601,7608-7614,7616
C 7602
C 7603
C 7604,7605
C 7606,7607,7617,7619

CKSSYB104K10
CKSSYB471K50
BCG1059
CCSSCH120J50
DCH1201

C 7618,7621,7624-7627
C 7620,7639
C 7629-7638,7640-7650

CKSSYB104K10
DCH1201
CKSSYB104K10

Unit Name:FUKUGO ASSY(EU MR)**MISCELLANEOUS**

3001 SCREW

BPZ26P050FTC

Unit Name: REAR IO ASSY(EU MR)**Block Name: BOARD_IF BLOCK(EU MR)****MISCELLANEOUS**

CN 8701 50P CONNECTER

AKM1399

RESISTORS

All Resistors

RS1/16SS###J

Block Name: REAR_IO_0 BLOCK(EU)**SEMICONDUCTORS**

Q 8801,8802
Q 8803
D 8801,8804
D 8803,8805

2SC4081
UMD2N
UDZS12(B)
UDZS5R1(B)

MISCELLANEOUS

⚠ F 8801 CHIP FERRITE BEADS
JA 8801 RGB CONNECTOR

ATF1229
AKP1266

RESISTORS

R 8801
R 8802
R 8803,8813
Other Resistors

RS1/8SQ151J
RS1/8SQ121J
RS1/10SR75R0F
RS1/16SS###J

CAPACITORS

C 8801
C 8802,8805-8808
C 8803
C 8804

CKSRYB105K10
CKSSYB102K50
CCSSCH680J50
CKSSYB103K16

5		6		7		8	
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
C	8809,8810		CCG1205	R	8517		RAB4CQ222J
C	8811		ACH1454		Other Resistors		RS1/16SS###J
Block Name: REAR_IO_1 BLOCK(EU)				CAPACITORS			
SEMICONDUCTORS				C	8501,8510-8512		CKSRYB105K10
IC	8301		MAX3232CPW	C	8502,8509		CKSSYB104K10
Q	8301,8306		UMD2N	C	8503,8504,8513,8514		CKSSYB102K50
Q	8302-8304		2SD2114K	C	8507,8508		ACH1454
D	8301		1SS301	C	8515		CKSRYB104K16
MISCELLANEOUS				Unit Name: CI CARD ASSY(EU MR)			
JA	8301	4P PIN JACK RA	AKB1359	MISCELLANEOUS			
JA	8303	4P PIN JACK RA	AKB1358	JA	8601	PC CARD CONNECTOR	AKP1341
CN	8302	9P D-SUB SOCKET	AKP1213	CN	8601,8602	40P CONNECTER	AKM1398
RESISTORS				RESISTORS			
R	8301,8302,8305		RS1/10SR75R0F	R	8602-8605		RAB4CQ330J
R	8318,8320		RS1/10SR221J	R	8614,8615		RAB4CQ470J
R	8332		RAB4CQ101J		Other Resistors		RS1/16SS###J
	Other Resistors		RS1/16SS###J	CAPACITORS			
CAPACITORS				C	8604		CEHVAW470M16
C	8301-8303		CKSRYB105K10	C	8605		DCH1201
C	8309,8310,8313		CKSSYB471K50	Unit Name: KEY ASSY(EU MR)			
C	8311,8312		CKSSYB102K50	SEMICONDUCTORS			
C	8314,8317-8321		CKSSYB104K10	Q	9401		HN1B04FU
C	8315,8316		CCG1205	TH	9401		TH05-3H103F
Unit Name: LED ASSY(EU MR)				MISCELLANEOUS			
SEMICONDUCTORS				⚠ L	9401-9406	CHIP SOLID INDUCTOR	QTL1013
D	9401		SML-521MDW	S	9401-9406	PUSH SWITCH	CSG1155
D	9402		TLRV1022	CN	9401	L-PLUG(7P)	KM200NA7L
D	9403		SMLE12BC7T(NP)	RESISTORS			
MISCELLANEOUS				R	9407		RS1/10SR4701F
⚠ L	9408-9410	CHIP SOLID INDUCTOR	QTL1013		Other Resistors		RS1/16SS###J
CN	9402	L-PLUG(6P)	KM200NA6L	CAPACITORS			
RESISTORS				C	9409		CKSSYB103K16
	All Resistors		RS1/10SR###J	C	9410,9411		CKSSYB104K10
CAPACITORS				Unit Name: FRONT IO ASSY(EU MR)			
C	9404,9406,9407		CKSSYB103K16	SEMICONDUCTORS			
Unit Name: FRONT IO ASSY(EU MR)				IC	8501		BR24L01AFJ-W
SEMICONDUCTORS				IC	8502		TC74VHC08FTS1
IC	8501		BR24L01AFJ-W	Q	8501		DTC124EUA
IC	8502		TC74VHC08FTS1	Q	8502-8504		2SC4081
Q	8501		DTC124EUA	D	8507		1SS301
Q	8502-8504		2SC4081	MISCELLANEOUS			
D	8507		1SS301	JA	8501	PIN JACK(3P)	AKB1303
D	8508		UDZS5R1(B)	JA	8503	MINI JACK	AKN1085
MISCELLANEOUS				CN	8501	FFC CONNECTOR 26P	AKM1441
JA	8501	PIN JACK(3P)	AKB1303	CN	8503	15P D-SUB SOCKET	AKP1214
JA	8503	MINI JACK	AKN1085	RESISTORS			
CN	8501	FFC CONNECTOR 26P	AKM1441	R	8501,8508		RST1/2SP120J
CN	8503	15P D-SUB SOCKET	AKP1214	R	8506,8510-8512		RS1/10SR75R0F
RESISTORS				R	8514		RAB4CQ473J
R	8501,8508		RST1/2SP120J	R	8515,8516		RAB4CQ101J
R	8506,8510-8512		RS1/10SR75R0F	KRP-M01			
R	8514		RAB4CQ473J	107			
R	8515,8516		RAB4CQ101J				